

Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.



James J. H. Gregory
& Son's,



1895.

CATALOGUE OF
HOME GROWN
· SEEDS ·

Marblehead, Mass.

CATALOGUE FREE TO ALL.

BOOKS FOR FARMERS AND OTHERS.

A NEW BOOK FOR FARMERS AND GARDENERS.

FERTILIZERS: Where the Materials come from, where to get them in the Cheapest Form, how to Compound Formulas, etc.

BY JAMES J. H. GREGORY, MARBLEHEAD, MASS.

For more than twenty-five years we have made use of what are known among farmers as "fertilizers," as distinguished from the manure of the barnyard, using in recent years, mostly in the drill, from thirty to eighty tons annually. Of late we have compounded these ourselves, purchasing the materials and various chemicals where we could find the best articles cheapest. We have repeatedly been urged by the agricultural societies, before whom we have lectured on the subject of Fertilizers, to publish our lectures. To oblige our many friends who have made this request, and as

a help to many of our customers who are seeking help along this dark and difficult road, we now do so. In our little work there will be found many valuable tables, with many suggestions, and much information on the purchase of materials, the combining of them, and the use of the fertilizers made from them. We believe it will give a good return to any of our customers for their outlay. The treatise makes a book of 116 pages; price, per mail, 40 cts.; cloth, 65 cts.

Single copies of either of the four following treatises sent by mail for 30 cents, or the five for \$1.35. Seed dealers and booksellers supplied at the usual discount.

ONION RAISING: What Kinds to Raise, and the Way to Raise Them. By J. J. H. GREGORY, Marblehead, Mass.

This work, which we issued in 1865, has been warmly recommended by some of the best authorities in the country, and has gone through fifteen editions. It treats on Onions raised from seed, Potato Onions, Onion Sets, Top Onions, Shallots, and Rareripecs, the Onion Maggot, Rust, the merits of the different varieties of Onions, instructions in seed raising, and how to tell good seed, — beginning with the selecting the ground, and carrying the reader along, step by step, through the preparing of the soil, manuring, ploughing, planting, hoeing, weeding, gathering the crop, storing and marketing it, with a hundred minute details, embracing every department of the subject. Illustrated with thirteen engravings of Onions, Sowing Machines, and Weeding Machines.

SQUASHES, AND HOW TO GROW THEM. By J. J. H. GREGORY, Marblehead, Mass.

This treatise is of about the same size and style as our treatise on "Onion Raising," and contains several illustrations, including a section of our squash house, with full directions for erecting one. In plan and thoroughness it is similar to our Onion treatise; *very minute and thorough*. Beginning with the selection of soil, it treats of the best way of preparing it; the best manures and the way to apply them; planting the seed, protecting the vines from bugs and maggots, the cultivation, gathering, storing, and marketing of the crops; giving hundreds of minute details so valuable to inexperienced cultivators. We have written this and our other treatises on the theory that what the public want is *minuteness and thoroughness of detail*.

CABBAGES, AND HOW TO RAISE THEM. By J. J. H. GREGORY, Marblehead, Mass.

This treatise gives all the minute instructions so valuable to the beginner. It begins with the selecting the ground, and carries the reader along, step by step, through the preparing of the soil, manuring, ploughing, planting, hoeing, weeding, gathering the crop, storing and marketing it, with a hundred minute details embracing every department of the subject.

To prepare ourselves the more thoroughly to write on this work, we experimented on foreign and native varieties of cabbage for four years, raising not far from seventy kinds. The gist of our experience will be found in this treatise. It is illustrated by several fine engravings. We have added a paragraph on the green worm that is causing so much trouble in some localities.

CARROTS, MANGOLD - WURTZELS, AND SUGAR BEETS: What Kinds to Raise, How to Grow Them, and How to Feed Them. By J. J. H. GREGORY, Marblehead, Mass.

The increased attention given to the raising of roots for feeding to stock, particularly the Carrot and Mangold-wurtzel, has led us to write this treatise. We have endeavored to follow the manner presented in our other works, and give that minuteness of detail in every step of progress, from the seed to the matured crop, that is generally desired by the public. While this work is more particularly intended for persons of limited experience, yet it gathers up so much of experience and observation, covering so much ground in the growing and handling of these two standard crops, that we should be disappointed if about every grower did not find within its covers some facts of more value to him than the cost of the book.

In response to inquiries made for books treating on various subjects of interest to the farmer, we offer the following list of works, all by authors of high repute, any of which will be sent, postpaid, to any address in the United States or Canada, on receipt of the price.

Asparagus Culture.....	\$0.50	Jones' Peanut Plant; its Cultivation and Uses.....	\$0.50
An Egg Farm: How to Manage Poultry Largely.....	.50	Keeping One Cow.....	1.00
Allen's (R. L. and L. F.) New American Farm Book.....	2.50	Mushrooms: How to grow them.....	1.50
Bommer's Method of Making Manures.....	.25	Oemler's Truck Farming for the South. (New).....	1.50
Broom Corn and Brooms.....Cloth,	.50	Our Farm of Four Acres.....Paper,	.30
Brown's Taxidermist's Manual.....	1.00	Peach Culture. Fulton.....	1.50
Canning and Preserving, complete receipts therefor.....	.40	Pedder's Land Measurer.....	.60
Cauliflower Growing and Cauliflower Cooking. (New.) 220 pp...Cloth,	1.00	Practical Floriculture. By P. Henderson.....	1.50
Canary Birds.....	.50	Practical Fruit Grower. Full of valuable hints.....	.50
Cider Maker's Handbook. (New).....	1.00	Quince Culture. (New.) By W. W. Meech.....	1.00
Cranberry Culture. By Joseph J. White.....	1.25	Quinn's Money in the Garden.....	1.50
Dadd's (George H.) Modern Horse Doctor.....	1.50	Quinn's Pear Culture for Profit.....	1.00
Dadd's American Cattle Doctor.....	1.50	Quincy's New Bee Keeping.....	1.50
Family Horse. (New.) By Geo. A. Martin. (Extremely popular.)	1.00	Rawson's Celery and its Cultivation.....	.25
Flax Culture, giving full directions.....	.30	Silos, Ensilage, and Silage. (New.) A practical treatise. By Manly Miles.....	.50
Fuller's Small Fruit Culturist. (New edition, enlarged).....	1.50	Sweet Potato Culture. (New and enlarged edition).....	.60
Fuller's Strawberry Culturist.....	.25	The New Onion Culture. (Greiner).....	.50
Greenhouse Construction.....	1.50	The Propagation of Plants. Describing hybridizing and crossing.....	1.50
Harris on the Pig. By Joseph Harris.....	1.50	The Horse: How to buy and sell.....	1.00
Harris's Talks on Manures.....	1.75	Tobacco Culture.....	.25
Henderson's Gardening for Pleasure. (New edition).....	2.00	Twenty-five cent Dinners for Families of Six.....	.25
Henderson's Gardening for Profit. (New revised edition).....	2.00		
Hunter and Trapper.....	.75		

James J. H. Gregory & Son's Retail Catalogue.

1895

TO OUR PATRONS.

1895

PLEASE NOTICE.—Our customers will please notice that our prices are by mail, postpaid by us, or by express or freight at purchaser's expense for charges, and that seeds sent by express or freight are 8 cents less per pound than when sent by mail. Some may not be aware of the fact (this does not apply to goods sent by express) that the freight on one hundred pounds of merchandise does not, as a rule, cost more than for ten pounds or less. When not ordered by mail, it is desirable that customers should indicate whether they wish their seed sent by express or freight; when no preference is given, we will use our best judgment in their behalf. We make no charge for boxes or packing. ~~2d~~ When comparing our rates with other dealers, please remember, 1st, That we prepay postage on mail matter, and the postage is included in the price; 2d, That all orders for seed to the amount of five dollars and upwards are subject to a cash discount, as stated at bottom of page; 3d, That we grow a far larger proportion of the varieties of the seed we sell than is common with other dealers; 4th, Our three warrants.

The Seed Crop.—On our own seed farms the effect of the remarkable drought of last season was not, on the whole, injurious to the seed crop. On the contrary, while nearly all kinds were near an average, the onion seed was exceptionally free from blight, and the yield was better in both quality and quantity than usual. In the country at large the onion seed and wrinkled pea crop are both somewhat short, but of other varieties there is an average yield.

With cotton at five cents per pound and the best of flour at less than four dollars a barrel, there is no profit possible from two of the leading industries of the foundation employment of our country, farming, and therefore no prosperity for those who live by manipulating what the soil produces; for the farmer is the great customer of the manufacturer, and when the foundation is not sound, there can be no solid support for the superstructure. Will our customers who live within the great cotton and wheat belts allow us to suggest whether it might not be better to diversify their industries with the object of producing more and buying less of what they consume; for by this system of farming they will keep money at home and not pay a profit on corn and other produce after having raised their cotton and wheat at a loss.

Some Fifth and Marrow.—Our customers will find scattered through the catalogue suggestive hints somewhat of the "Poor Richard" cast. May they do good, certainly they can work no harm.

This Season we Drop the giving of a year's subscription of agricultural papers to our customers, for we find that there are excellent persons among those whose good opinion we esteem highly in whose eyes the manner of distribution has the look of a lottery, a form of gambling which we all agree in disapproving. We will carry out the brotherly feeling which prompted us to make this gift by turning it into another channel which we believe we can all heartily approve. We mean by giving it to aid the work of those devoted women who are engaged in what is called the slum work of the great cities. They live among drunkards and fallen women and the very refuse of civilization, devoting their lives to the saving of such, and to the care of the sick and miserable, even to doing their washing and mending. We will this season give, in the name of ourselves and patrons, \$150.00 out of this all worthy object, and the receipt for the same will appear in the next season's catalogue.

We Greatly Regret that in one lot of our variety of Warren cabbage seed sent out last season there proved to be an admixture of Early Wakefield. There was an extra large call for the variety, and the seed of our own raising being nearly exhausted, we purchased an additional supply from a friend who stated that his stock was a very superior one, but to our great sorrow results proved that in some way Wakefield seed was mixed with the lot received from him. In accordance with our warrant, any of our customers who were so unfortunate as to have received any of this mixed lot are entitled free to an equal value in this or any other seed. The Warren cabbage seed we raised the past season was from plants received directly from Mr. Warren himself.

We Thank Our Friends for very acceptable presents we are constantly receiving from them of vegetable seed that are new or choice in their localities. We plant them on our experimental grounds to compare them with standard varieties, and will be happy briefly to report results, when desired to do so.

Every season we have the various items in our catalogue carefully gone over with the view of making our prices as reasonable as possible, and we think our customers will find, bearing in mind the cash discounts we offer, that our rates average as low as those of standard seedsmen of good repute, while we present the advantage of raising a much larger proportion of the seed we offer for sale than dealers in general; but few raise any of the seed they sell, seed raising and seed selling at retail being usually separate employments.

Free Seed.—With average orders for years we have practised dropping in an extra package of some nice variety, very likely a novelty, which we would be pleased to have our customers test and report on.

Testing Seed.—Before sending out, nearly two thousand tests of the vitality of both vegetable and flower seed are made every season, and thousands of dollars' worth thrown away, all of which is more or less good, but not up to the standard for honest seed.

Cabbage Seed for the South.—Our customers in the South will find us always ready to fill their summer orders as early as July. Their special need for fresh seed we shall always bear in mind. Our cabbage seed, raised wholly from the centre shoots, and grown from choice, solid carefully selected heads, are meeting with great acceptance there.

Advantages of Buying Seed Directly from the Grower.—The "testing" of seed in greenhouses or by various indoor means of which much is written nowadays merely settles the question as to whether or not it will vegetate; but if the seed dealer grows his own seed, he is able to affirm what he himself knows, not only of its vegetating power, but also of its freshness and purity. Our seed-growing facilities now include four farms at Howes' Station, Eastern Division, Boston and Maine Railroad, besides several scattered tracts of land, located in three towns, carried on directly under our own supervision. All roots, bulbs, etc., intended for seed purposes, are selected with the utmost care.

Some choice varieties we import from England, France and Germany, some of which cannot be raised in this latitude; others we have grown for us by careful men, whom we supply with stock seed of our own raising.

For nearly half a century we have made it our labor and our anxiety to send out none but just such seed as we would be willing to plant ourselves, and the thousands of cheering letters that we open are very pleasant testimony to the success of our undertaking.

The Three Warrants.—All seeds sent out from our establishment are always sold under three warrants: viz., 1st, That our seed shall be what it purports to be; so far as that we hold ourselves ready to refill the order anew, or to send other seed to the same amount, gratis, should it prove defective in any respect.

2d, What is there to gain by selling poor seed after having made this warrant? 2d, That all money sent for seeds over one dollar shall reach us if sent by Post-office Order on Marblehead, Express Money Order, Registered Letter, Draft, or Cashier's Check. Sums of one dollar and under may be sent at our risk. 3d, That the seed ordered shall reach every one of our customers. Thus we warrant everything but the crop, and make the purchase of seed the safest investment possible, instead of being what it has so often proved to be, — very unreliable and vexing.

Payment for Seed.—Cash (as above) must accompany all orders. When it is necessary to enclose postage stamps, be sure not to moisten them in the least; the higher denominations, not above fifteen cents in value, preferred. Money orders, when of the value of one dollar and upwards, may be purchased at our expense, the cost being deducted from the amount remitted. Occasionally a customer remits more or less than sufficient to pay for the seed ordered. In the former case, the balance will be returned to his address; in the latter, the order will be filled out as far as the money goes. When necessary to send specie, wrap it securely in a bit of paper, to prevent it from getting loose and cutting through the envelope. Let us advise our friends, before ordering their seeds sent by express, to figure carefully and see if it would not be much cheaper for them (as is almost invariably the case with small parcels) to have them sent by mail. We would advise our customers not to order their seed C. O. D., particularly when the orders are small, as we have to add the cost of collection and return charges to the cost of the seed to make ourselves whole.

How to Obviate All the Risk, Expense, and Trouble of Sending Money.—We have arranged with the American Express Company to receive orders for anything in our catalogue at any place where that company has an agency. They will advance us the cost of all goods up to \$5, and collect it of you. For bills of over \$5 an Express Money Order can be sent with order for goods.

Be careful to write your Address in full, giving your Name, Post-office, County, and State.

The New Postage Law.—Thanks to the persistent efforts of the seedsmen's association, Congress has reduced the postage on seeds one half; viz., to one cent for two ounces instead of one cent an ounce as formerly. Our customers will find that all this will go directly into their pockets, as the price list will show. We prepay postage on seed ordered by mail at list rates. If a larger lot than four pounds is wanted, it may be divided into four-pound lots. This law, in effect, brings our seed establishment to every man's door.

Now and then, though rarely, there happens an instance of a mail package being lost in transit. When writing of any delay in time of package reaching you, always repeat your first order.

Book Premiums and Discounts to Market Gardeners and others.

We believe we are the only seedsmen who give a cash discount on orders. When comparing our prices with other dealers, don't forget to deduct the discount.

We challenge competition (with first-class seedsmen) in pricing large orders. Any one sending \$1 may order \$1.25 of packages of vegetable seed. This applies to orders for packages only and not to weights and measures.

BOOK PREMIUMS AND DISCOUNTS.

We allow book premiums and discounts as follows on all orders, whether the order be for packages, ounces, pounds, or quarts, either separately or combined, with the exception of onion seeds of our own growing, potatoes, vegetable plants, vegetable and flower seed collections, small fruits and implements. On orders for \$3 and less than \$5 a selection of one from the five agricultural treatises written by us and advertised on the opposite page. On orders from \$5 to \$10 an option of 5 per cent or a selection of two treatises as above; on orders from \$10 to \$25 an option of 8 per cent or a selection of four treatises as above; on orders from \$25 to \$40 ten per cent; and twelve and one half per cent on orders of \$40 or upwards.

For special net rates on onion seed in quantity, see p. 26; for discounts on Flower seeds, see p. 63. **TERMS TO DEALERS, CLUBS, AND LARGE MARKET GARDENERS ON APPLICATION. WE DO NOT CARE TO SEND OUT SEED TO BE SOLD ON COMMISSION.**

JAMES J. H. GREGORY & SON,

Marblehead, Mass.

NOVELTIES IN VEGETABLE SEEDS FOR 1895.



KEENEY'S RUST-
LESS GOLDEN
WAX BEAN.

KEENEY'S RUSTLESS GOLDEN WAX BEAN.

All wax beans that are of a yellow or wax-like color are more or less subject to rust, which spoils them for market use. Mr. Kenney, the great bean grower of New York, believes he has at last secured a variety, a sport from the Golden Wax, that excels all others in its comparative freedom from rust, while its hardness, productiveness and fine quality make it specially desirable. It is a strong growing bush variety of remarkable vigor. It sends out short tendrils, on which pods are formed in addition to those near the central stalk of the plant, which accounts for its wonderful productiveness, amounting, under favorable conditions, to 100 to 150 fold. The pods are meaty and well filled, thick-flat when young and semi-round later; of rich yellow color and fine quality, and entirely stringless, even when large enough to shell. If the pods are picked as fast as formed, the plant continues to furnish a bountiful supply for the table for an unusually long season. Packages contain an ounce of beans, being 60 to 75 in number, and if planted one bean in a place, ten inches apart in the row, and the rows 24 to 28 inches apart, they will produce, under favorable conditions, a bountiful supply for a family of six or eight persons. Price, per package, 15 cts.; 2 pkgs., 25 cts.; 10 pkgs. for \$1.00.

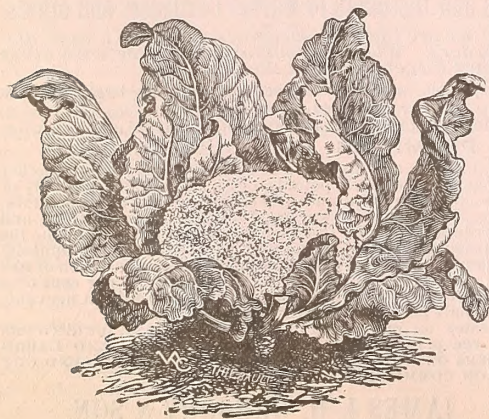
GERMAN EXPORT CABBAGE.

This is one of the hard-as-stone varieties which are sent over here from Germany every spring, and to the chagrin of our market gardeners bring at times a dollar more than the best of our home-grown sorts. The reason is, they are so much harder and consequently heavier per barrel. The quality is excellent and it is remarkably reliable for heading. The "outs" are: The heads are hardly as large as the average of our native Drumheads, and it has rather a long stump, though this latter is really of no practical weight. Price, per package, 10 cts.; per ounce, 40 cts.

EARLY PADILLA CAULIFLOWER.

We planted the Early Padilla this season side by side with that excellent variety, the Snowball, and under precisely the same conditions of soil, manure and cultivation. The Padilla headed

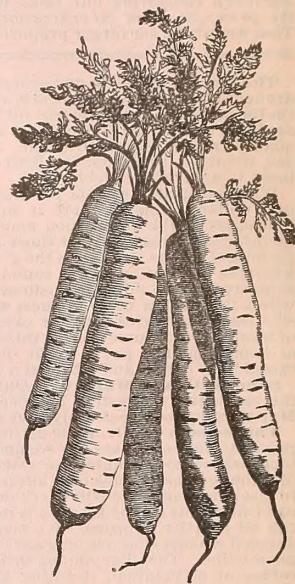
earlier, and made as many and as good heads as the Snowball. It certainly will be a good investment for all that large class of our customers who are market gardeners to give this new American cauliflower a trial, especially if it proves to be the earliest of all. Price, per ounce, \$1.50; per pkg., 25c.



EARLY PADILLA CAULIFLOWER.

LONG RED CORELESS CARROT.

This variety rather resembles the Early Nantes, but is very strikingly longer and consequently more productive. It is almost cylindrical in shape, blunt at the lower extremity, and has extremely red, very sweet, and fine flavored flesh. This is especially an early, small leaved, kitchen-garden variety. It might be described as an elongated Danvers, though it is hardly as vigorous a grower. Better for market than as a carrot for stock. Price, per pound, postpaid, \$1.33; per 4 pound, 38 cents; per ounce, 20 cents; per package, 10 cents.



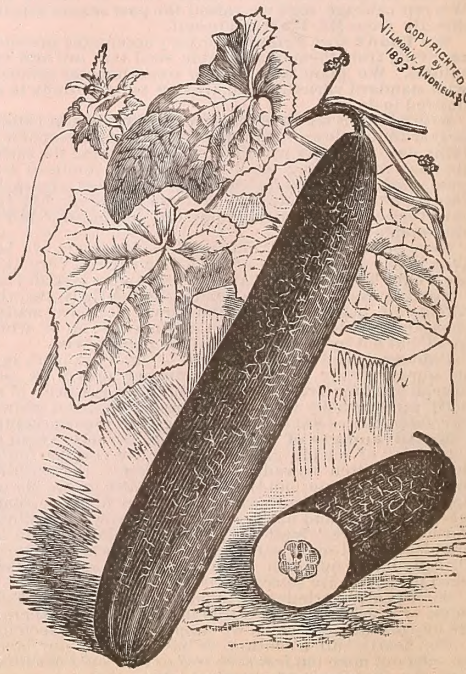
LONG RED CORELESS CARROT.

MEXICAN JUNE CORN.

A giant among corn, growing from sixteen to eighteen feet in height. A grand variety for grain in the South, for the silo in the North, and a grand curiosity for every section. Here on the seacoast of Massachusetts on our experimental grounds it reached a height of sixteen and one half feet, and a ten-foot pole standing on the ground but just reached the lowest ear! It is exceptionally leafy in its upper sections, and this gives special value to it for the silo. We regret that the supply is too small this season to sell by quantity. Planted before June 1, it will mature in the South. A few stalks of this giant among corn make a grand sight in any garden. Price, per package, 15 cents.

Long Sikkim Cucumber.

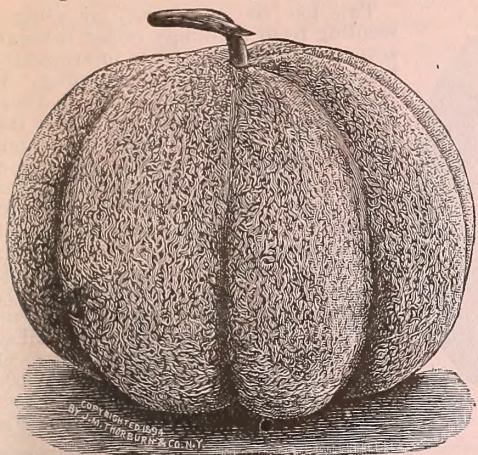
"This novelty is of free and long-continued growth, producing from five to six cylindrical 12 to 16 inches long fruits of a fine green color when young, changing to a brownish tint towards maturity, with white cracks like the Brown netted or Khiya Cucumber. Flesh firm, white, crisp and of agreeable taste," says Vilmorin, all of which, after a trial of it on our experimental grounds, we can fully indorse. Price, per package, 15 cents.



LONG SIKKIM CUCUMBER.

MUSKMELON, LONG ISLAND BEAUTY.

A splendid new variety of the Hackensack type, originated



on Long Island. It is of very superior quality, with green flesh, and densely netted. In shape it resembles the Hackensack, but is slightly more ribbed, and is decidedly one of the most attractive looking melons we have ever seen. Besides being one of the most beautiful, it is also among the earliest, possibly the earliest of

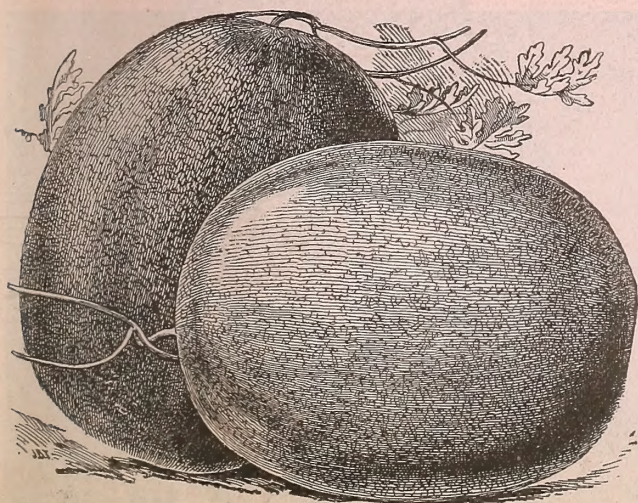
all. Price, per pound, postpaid, \$1.25; per $\frac{1}{4}$ pound, 40 cents; per ounce, 25 cents; per package, 15 cents.

SWEET HEART WATERMELON.

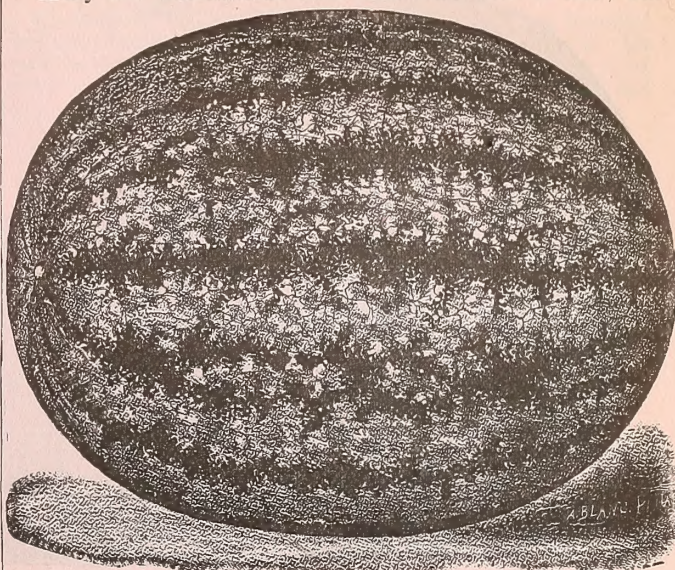
An entirely distinct and new watermelon, which is early, large, handsome, heavy, a good shipper, long keeper, bright color, best quality. Carloads of Sweet Hearts were sold at fancy prices when no other sort was salable.

Description. We have not had an opportunity to test this new variety on our own grounds, but a dealer of large experience and an excellent authority gives this description of it: "Vine vigorous and productive, ripening its fruit early. Fruit large, oval, very heavy, uniformly mottled light and dark green. Rind thin but firm. Flesh bright red, firm, solid but very tender, melting and sweet. Fruit remains in condition for use longer than most sorts. Seeds gray." If this is the kind of melon the Sweet Heart is, certainly it is worthy of trial in all our gardens.

History. Mr. Albert Wittenmyer, the well-known melon grower, states that he tried all new varieties offered and had about concluded it was impossible to find a shipping melon of good quality, when he discovered a single plant bearing his ideal fruit. He propagated and developed it, and the past two years has tested it commercially by growing carloads of the fruit which he readily sold when all other kinds were rotting in the fields for want of purchasers. Price, per packet, 15 cents; per ounce, 30 cents; per $\frac{1}{4}$ pound, 60 cents; per 1 pound, \$2.00, postpaid.

**THE DUKE JONES WATERMELON.**

Many new watermelons have been introduced of late; but

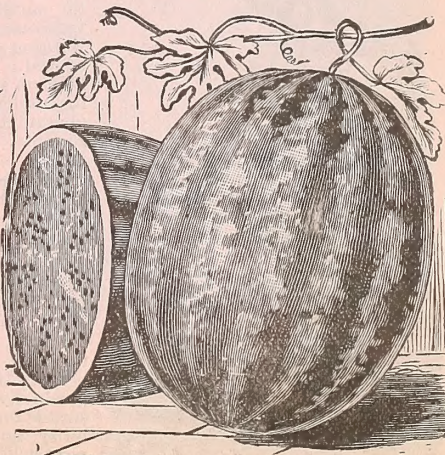


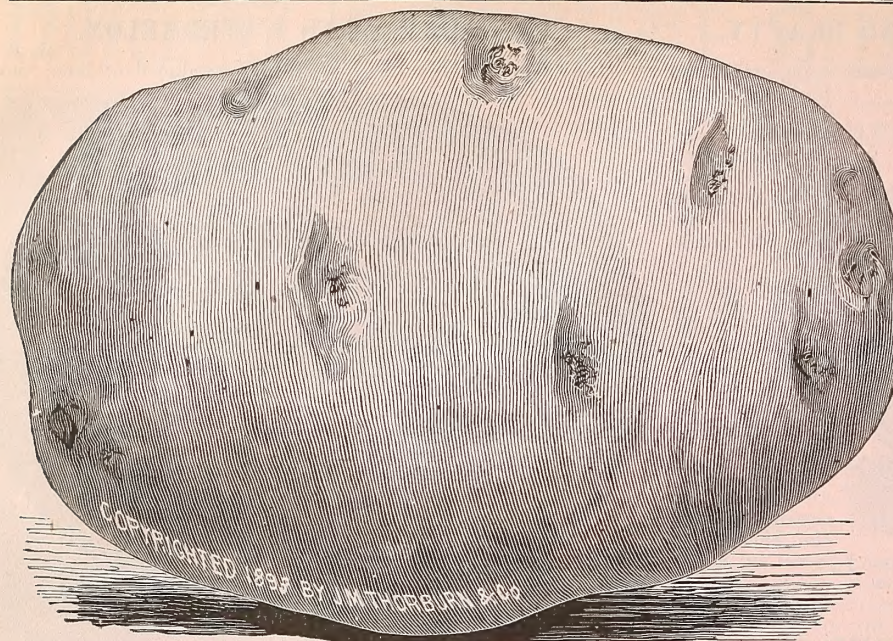
there will always be room for an improved variety, and this the Duke Jones must be, according to the testimony of those who have handled it on a large scale. It is sent out by Mr. Girardeau, the famous melon man of Florida, who has a field of 250 acres of melons. It is a nearly round variety, of enormous size, of surpassing quality and excellent shipper. Here is what they say of it: "Mr. Girardeau has shipped ten cars of his Duke Jones melons over our road; the cars averaged forty pounds to a melon; one carload, forty-three pounds. They were the finest melons I have ever seen, and the flavor was delicious."—T. J. Wright, agent. "Send us another car; such stock will sell, no matter what condition the market is in."—J. Leverine, Cincinnati, Ohio. J. R. Wilder, of Anthony, Florida, writes: "In our judgment the Duke Jones is destined to supersede all varieties as a shipper as well as a local market melon. It has every desirable quality." Other growers and dealers indorse heartily its quality, large size and remarkable bearing qualities, but I think the above selection sufficient to give my patrons a good idea of its merits. Price, per pound, postpaid, \$1.25; per $\frac{1}{4}$ pound, 40 cents; per ounce, 25 cents; per package, 15 cents.

COLE'S EARLY WATERMELON.

Cole's Early is one of the finest every-day melons ever offered, for the amateur and for the home market. Being somewhat brittle, it will not do for shipping purposes. It is

very early and will mature in every State, very hardy, vigorous, and a sure cropper. It is sweet and delicate in texture of flesh, which is a deep red color; the rind is thin, and the quality of the flesh is sustained clear to the rind. The melons are of medium size, nearly round in shape, rind green striped with lighter shades. Price, per $\frac{1}{4}$ pound, 50 cents; per ounce, 25 cents; per package, 10 cents.





The New Potato "Carmen No. 1."

This has the peculiarity of being a seedling from seedlings raised through several generations. It is intermediate between early and late in ripening. It has but few eyes and these shallow. The flesh is white as flour, and the quality perfect, being not only dry but of excellent flavor. It is a hearty, vigorous grower, the vines being remarkably stout and stalky. A great cropper, the tubers are extra large, with hardly one among them below market size. We have raised the Carmen No. 1 on our grounds the past season, and are exceedingly pleased with it. We heartily recommend it to all our customers, it cannot fail to give satisfaction. Price per barrel of 165 lbs., per express or freight, \$12.00; per bushel, \$6.00; per peck, \$2.00; 3 lbs., postpaid, \$1.25; 1 lb., postpaid, 50 cts.

*By a test, carefully made,
we find that, by making the
seed furrows extra deep and*

*the soil in them extra fine, we can get from
twenty to thirty bushels extra to the acre.*

THE WONDERFUL TOMATOES.

We think this about the right adjective to apply to the new tomato creations made by the Messrs. Landreth, by scientifically crossing several varieties that differed markedly from each other. It may not be generally known that about all the varieties catalogued are sports, not crosses; but here we have a number of varieties which are actual crosses, with results that are exceedingly interesting and promise to be equally valuable. Though they have been on trial for three seasons, yet as it is not fully settled what the limits of form, size and color may be, we have selected two of the most interesting of the series, viz., Nos. 1 and 6. The possibility of their sporting adds to their interest.

LANDRETH'S HYBRID TOMATO No. 1.

A cross between a Large Flat Red and a Long Fruited Purple, the result being most satisfactory. Fruit larger than a base-ball but olive shaped. Color, deep red and pink dashed in combinations of rare beauty. Meaty, walls thick, seed spaces small. Absolutely free from cracks and ripening entirely up to the stem. Admirably adapted for early shipment from the South or for forcing under glass for early sales. Habit early, vigorous, and a large bearer. Nothing similar to it ever before offered. Unequalled as an exhibition sort or for winter forcing under glass. Stability not guaranteed. Price per packet, 25 cents.

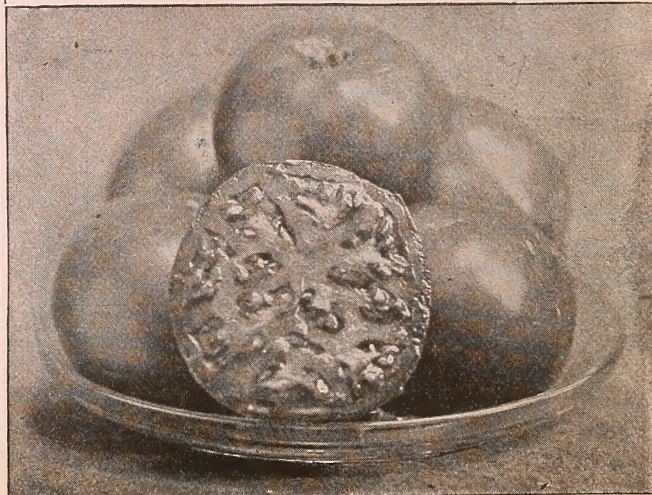
LANDRETH'S HYBRID TOMATO No. 6.

A cross between a Tall-vined Scarlet and a very Dwarf-vined Chestnut, the result being large fruit, oval in form. Color, dark red to purple, most resembling a Dwarf Champion, but twice the size. Early, a continuous bearer, free from cracks, very productive and altogether desirable for general culture. Stability not guaranteed. Price per packet, 25 cents.



MAULE'S NEW IMPERIAL TOMATO.

We catalogue this new tomato, because my son, the junior member of the firm, saw it while growing on the grounds of its originator side by side with numerous standard extra early varieties, including Earliest of All, Atlantic Prize, Early Ruby, etc., and there witnessed its great superiority to them in earliness, size, perfect symmetry, and in about every trait that goes to make up a first-class tomato. It resembles Dwarf Champion in color and form, ripens well around the stem, is very thick meated and solid. Mr. Halliday, its originator, claims it to be in general ripening of the crop from fourteen to twenty-one days earlier than any other variety. Mr. Maule claims that so many good qualities were never before embraced in a single variety, and believes that "every market or private gardener will make a mistake if they do not include a package of the New Imperial Tomato in their order for this season, and if it but does as well elsewhere as it has on the grounds of its originator, we can heartily indorse him. Price, per package, 20 cts.; 3 packages for 50 cts.; 7 packages for \$1.00.



SCARLET KASHMYR TURNIP.

The beautiful pinkish red color of this new turnip makes it very striking. It is unique among turnips, bearing some resemblance to a large radish. It produces large, smooth white-fleshed roots of excellent keeping qualities. Among the earliest. Price, per pkg., 10c.; per ounce, 25c.



SCARLET KASHMYR TURNIP.

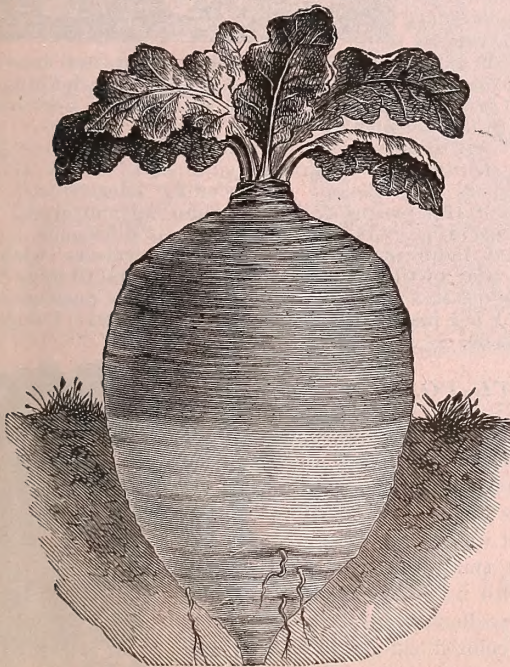
White Milan Turnip.

This *earliest of all turnips* not only takes first rank for earliness, but is so neat and smooth as to look as though polished by hand. The scant, short foliage is a becoming ornament to the fine root. For an early crop it stands unrivalled for its rapid growth and beautiful shape. Price, per pkg., 10c

COPYRIGHTED
BY
VILMORIN-ANDRIEU
1892

CARTER'S ELEPHANT SWEDE.

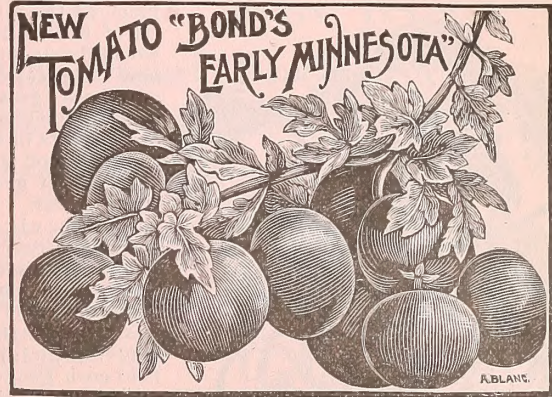
Our English brothers leave us decidedly in the shade in the raising of turnips, especially of the Swede class; and if any improvement is made in varieties, it is usually by them. The Messrs. Carter, a standard authority in varieties, present to the public a new turnip which they have named Elephant Swede. It has been tested in England, Scotland and Ireland, and side by side with the standard varieties, including of course Skirving's.



It has proved to be superior to all of them, in some instances giving as much as ten tons more per acre. The Messrs. Carter present in their catalogue *seven hundred testimonials* in favor of the great productiveness of this new Ruta-baga. We have not had an opportunity to test its merits on our experimental grounds; but such an avalanche of testimonials would sweep away any possible doubt of its great excellence. Price, per lb., postpaid, \$1.00; per 4 lb., 30c.; per oz., 15c.; per pkg., 10c.

BOND'S EARLY MINNESOTA TOMATO.

Mr. Brinton, the tomato specialist, who tested one hundred and ten varieties of tomatoes the past season, states that this was the first to ripen. The fact that while most of the extra early varieties are irregular in shape, this is always round and



smooth, is another recommendation for it. It is of a dark red color, firm of flesh, and very productive; size medium. Our customers will find it a choice variety to open the market with before the larger sorts have ripened. Price, per ounce, 50 cents; per package, 10 cents.

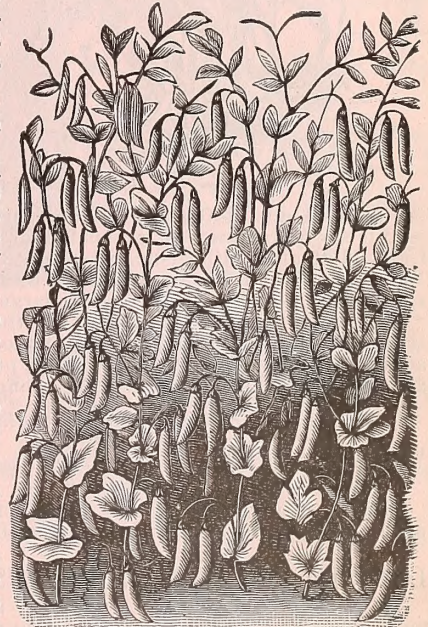
STATION PEA.

Decidedly the earliest of all the wrinkled peas.

Just as early as all the earliest of the hard peas, such as Alaska, Dan O'Rourke, Morning Star, Philadelphia Extra Early, and the entire list of them, no matter what name they bear, as we have proved on our experimental grounds by a trial of three seasons.

That this point might be determined by the best of authorities, purely on its merits, we sent samples without name, simply bearing numbers, to several of our experimental stations last spring, and here is what they report:

Prof. Goessman, of the Massachusetts Experimental Station, writes: "The seed of the three varieties of peas were sown May 4; June 25 there were a large number of the pods of No. 1 (Station Pea) ready for picking; June 29 pods were ready for picking on No. 2 (American Wonder), while No. 3 (Little Gem) was a little later; No. 1 (Station) gave the best yield." Prof. Munson, of the Maine Agricultural College, writes: "No. 1 (Station) reached edible maturity June 30, about three days earlier than No. 2 (American Wonder), and five days earlier than No. 3 (Little Gem). It comes on at the same time as Dan O'Rourke, Alaska, and Morning Star. No. 1 (Station) was much more vigorous than 2 or 3, and was more productive than 3, though the pods averaged somewhat smaller." Price, per package, 15c.; per quart, postpaid, 75c.; per one half peck, per express or freight, \$1.75.



JAPANESE MILLETS.

Doubtless, all of our customers are well acquainted with the common varieties of millets, which are known under the name of "Hungarian Grass," "German," or "Golden" millet. Prof. Brooks, of the Massachusetts Agricultural College, has recently introduced from that country that is now absorbing so



Copyrighted by
Van Nostrand & Co.

much of the interest of the civilized world, Japan, three new varieties. All of these greatly surpass the above-named sorts in size and vigor of stalk and yield of grain. They bear the names Panicum Italicum, Crus Galli and Milleacum. They have enormous cropping qualities, the Italicum surpassing field corn growing side by side in yield of both grain and straw, the millet yielding 37.2 to the half acre, bushel weighing 47 pounds each, to 30.6 of corn. The fodder of the millet weighed 2,191 pounds, and that of the corn 2,100 pounds. The millet straw chopped, crushed, moistened, and sprinkled with meal was readily eaten by cattle and horses. The seed itself appears to equal in value corn meal for milk production. For seed purposes the millet should be sown in drills 15 inches apart, using of Crus Galli 5 qts.,

Milleacum 8 qts., Italicum 5 qts. seed to the acre. Where the seed is sown broadcast for green fodder sow, per acre of Crus Galli, 12-15 qts.; Milleacum, 20-25 qts.; Italicum, 16-18 qts. We have raised it on our farm for both purposes with very satisfactory results. The leaves are larger than those of either "Hungarian" or "German," and the crop heavier. It strikes us that either as a grain producer or as a source for abundant green fodder these millets promise to be a great acquisition to the agriculture of the country.

Seed when sown in drills. Fodder broadcast.

	STRAW.	GREEN.	HAY.
P. Crus Galli, 60-75 bu.	4 tons.	10-15 tons.	3-6 tons.
" Milleacum, 40-50 "	2 1/2 "	8-10 "	2 1/2-3 1/2 "
" Italicum, 50-55 "	2-3 "	10-12 "	3-4 "

Price, per peck of 12 1/2 lbs., per express or freight, \$1.50 per lb., postpaid, 30 cts.; per package, 10 cts.

LONG ISLAND IMPROVED BRUSSELS SPROUTS.

This rich but long-neglected vegetable is becoming more and more popular. We are able to offer to our customers this season seed of a new and greatly superior variety, of American-grown seed which has the great merit of forming heads ready for picking about three weeks earlier than other varieties which are raised from imported stocks. It has the additional merit of making stronger plants and giving more heads. A friend picked this year from a single plant more than two quarts of heads. Price, per ounce, 75 cents; per package, 15 cents.

SACALINE

(*Polygonum Sachalinense*)

Has made a great sensation in Europe as a new forage plant and for the following very good reasons: It is perfectly hardy even in Siberia, flourishes in the Indies; requires no ploughing before planting; needs no cultivation, no manuring, no replanting; the roots penetrate deep into the soil; and *once planted it stands forever*. It endures severest draught with impunity; grows in poorest soils, but luxuriates in wet lands; thrives where no other forage plant will grow. The young shoots and leaves eaten like asparagus and the stems and leaves, green or dry, greatly relished by cattle, sheep and horses, and they are *more nutritious than clover or Lucerne*. It gives three and four cuttings per year; produces 60 to 180 tons of green forage per acre; and grows 10 to 14 feet high by June. It is an excellent soil-enricher, and can be planted at any time. Floods will not destroy it; fire will not kill it. *Cattle cannot trample it out.*



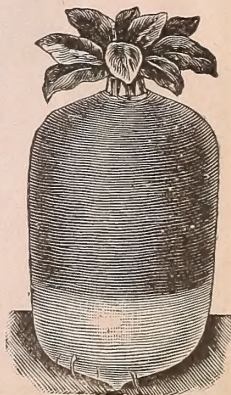
For two years we have been familiar with Sacaline as a plant, not knowing at the time its value for fodder. Its growth is something amazing. It is indorsed by the highest authorities. Seed has been sold at \$1,000 per pound.

Favorably described and noticed by editors of the "American Agriculturist," "Garden and Forest," "The Garden," "Gardeners' Chronicle," "Gardening Illustrated," "The Journal of Horticulture," "The Indian Agriculturist," "The Practical Farmer," and various foreign publications.

Special inducements offered to cattle raisers wishing to make a trial of this valuable forage plant, and to those willing to introduce it. Seeds per ounce, \$2.50; per package, 15 cts. Roots, 1 per mail, 25 cts.; 3 per mail, 60 cts.: 1 dozen per mail, \$2.00.

GATE-POST MANGOLD.

In England, where mangolds are far more extensively raised than with us, this has become the favorite variety, as it is found by test to yield the heaviest weight per acre, while it has quite a small top, has but one tap root, with no sprangling growth, and is an excellent keeper. It has a pale orange-colored skin, white flesh and scarcely any waste about it. Price, per pound, postpaid, 58c.; per 1/4 pound, 18c.; per ounce, 10c.; per pkg., 5c.



Bill Jones declared he would never use night soil, but his neighbor Brown used it. Jones has a mortgage on his farm; Brown a new barn on his.

Novelties in

In our General List of Flower Seeds, pages 52 to 62, will

be found the desirable novelties of recent introduction.

Flower Seeds



FOR 1895.

ASTER, Ball or Jewell, Dark Blue. (A.)

The first blue flowering variety of this lovely class of Asters, equal in beauty and exquisite form to the other colors introduced a few years ago. (See cut on page 53.) Price, per pkg., 15 cts.

CENTAUREA CYANUS, Dwarf Mixed. (A.)

(Bachelors' Button or Cornflower.)

These dwarf Cornflowers make a fine show in the spring, and are especially suited to fall sowing, as they are quite hardy. The flowers being of white, lilac, rose, light blue and brown-red tints, a bed of them presents quite a gay aspect. Price, per package, 15 cents.

CLARKEA ELEGANS, Dwarf Rose. (A.)

Very bushy plants, attaining ten or twelve inches in height, producing their large pink flowers on short upright branches and forming, thus intermixed with the dark green foliage, a beautiful sight. Price, per package, 15 cents.



DOUBLE MORNING GLORY.

Coreopsis Coronata Maxima. (A.)

The entire plant, stems, leaves and flowers, are as large again as those of the old type. Splendid golden yellow flowers for cutting. Price, per package, 15 cents.

Ipomea Imperialis Ceres. (A.)

A beautiful climbing plant with silvery leaves. Flowers carmine with white border and red shaded throat, very striking. Price, per package, 15 cents.

KOSTELETZKYA VIRGINICA.

Pink Beauty. (P.)

A hardy perennial of sturdy habit, blooming the first year from the seed, but the plants do not attain their full growth until the second year. The individual blossoms are two inches in diameter, of the most beautiful rosy pink imaginable, with delicate veinings. The reverse of the petals are silvery rose, the pistils and stamens are bright yellow, producing an exquisite harmony of color. It succeeds equally well in moist or dry situations, always growing vigorously and blooming throughout the season. In fact, wherever plants of Kostelezky stand, a beauty spot is produced and maintained from early summer until frost. Price, per package, 15 cents (See also shrubs.)



KOSTELETZKYA

LINARIA CYMBALARIA.

White. (See cut.)

Very pretty new variety of the trailing "Kenilworth Ivy," with light green, glossy foliage and pure white flowers. It is of vigorous growth and may be cultivated as an annual or perennial. Fine for covering rockwork or for hanging baskets, thriving equally as well in the shade as in the full sun. Price, per package, 15 cents.

MIGNONETTE.

Golden Gem. (A.)

Plants of dwarf regular pyramidal growth, producing, in great abundance, beautifully formed spikes of golden yellow flowers. Price, per package, 15 cents.

Double Flowered Morning Glory.

(A.) (See cut.)

The number of hardy annual climbers is not very great, therefore this first Double Morning Glory ever introduced will be a welcome as well as beautiful addition. It is of rapid growth and produces its double flowers very freely. Flowers white with a slight spot of blue or red at the base of the larger petals. Price, per package, 20 cents.

CAPE FUCHSIA (*Phygelius Capensis*).

The introducer says of this: "Seldom have we seen a plant so charming and free blooming. During our dry summer it was never out of flower while geraniums alongside of it were drying up. Plants only 15 inches high bear from 10 to 20 bold stalks, completely covered with long, showy scarlet flowers, from May until late in autumn. An elegant bedding as well as pot plant, growing in any kind of soil." Price, per package, 15 cents.

COSMOS. Sulphur Yellow. (A.)

This novelty is perfectly distinct in its character, though in its deep clear yellow color it scarcely agrees with its name. It grows from one and one half to two and one half feet high, is very branching, with numerous slender stems, well covered with finely divided, glossy, green foliage. The numerous flower heads are from one to one and a half inches across, with five oval ray florets, and are produced throughout the summer till destroyed by frost. Price, per pkg., 15c.

CARTER'S PEACOCK PANSY. (B.)

A beautiful striking variety. The upper petals of the flowers are of a beautiful ultramarine closely resembling the peculiar shade of this color in the feathers of the peacock. Flowers of perfect form and substance. Price, per package, 20 cents.



LINARIA CYMBALARIA.



NASTURTIUM, HYBRID OF MME. GUNTER.

SWEET PEA. "American Belle." (A.)

This new variety shows an important departure from the colorings and marking of all other varieties, being neither striped nor mottled, but distinctly spotted. The body is a clear bright rose of uniform coloring, wings of crystal white with bright purplish carmine spots. Flowers very large, of good substance and finely formed. Price, per package, 10 cents; 3 for 25 cents; ounce, 40 cents.

EARLY SINGLE ANNUAL WALLFLOWER.

This favorite flower has hitherto been known as a biennial only, and did not bloom until a year after the seed was sown; but this new annual Wallflower, if sown in March in pots or hot-bed, will commence flowering in June and continue its splendor till late in autumn. Flowers of a beautiful orange-red and very fragrant. Price, per package, 15 cents.

PINK (*Laciniatus*). (A.) (See cut.)**SALMON QUEEN.**

Flowers well formed, beautifully fringed and of the most brilliant salmon color imaginable, changing into salmon-rose when fading. Price, per package, 20 cents.

THE NEW TREE POPPY. (P.)

A novelty from California. The flowers are single, yellow in color, with all the characteristics of a true Poppy. The flower opens widely in the early part of the day, but assumes a more cup-like form in the afternoon. The plant is perfectly hardy, grows about three feet in height, with leaves of a bluish color, contrasting elegantly with the beautiful yellow flowers. Price, per package, 15 cents.

BLANCHE BURPEE SWEET PEAS. (A.)

(New Giant White.)

Pure white, of exquisite form and immense size, having a bold, upright, shell-shaped body, of great substance; a wonderfully profuse bloomer and absolutely free from the objectionable notch in the body so conspicuous in some varieties. A very chaste variety, and by far the finest White Sweet Pea ever introduced. Price, per package, 25 cents.

NASTURTIUM. (A.) (See cut.)**HYBRID OF MADAME GUNTER.**

This new variety is distinguished by its dark foliage, free and long-continued flowering, and a richness of color not to be found in any of the different classes of Nasturtium hitherto grown. There are shades of rose, salmon, bright red and pale yellow, etc., either self-colored, spotted or striped. Price, per package, 15 cents.



PINK, SALMON QUEEN.

 **FOR CHOICE FLOWER SEEDS IN COLLECTIONS AT REDUCED RATES SEE PAGE 63.** 

Cold Frame and Hot-Bed.

Early tomato plants in a small way may be raised in flower pots or boxes in a warm kitchen window; so also may egg plants and peppers. When raising them in the house, the pot or box containing the seed should be placed quite near the stove for a few days, and the soil be kept well moistened until the plants begin to break ground, when they may be removed to a warm window. It is best, if practicable, to have but one plant in each pot, that they may grow short and stocky. If the seed are not planted earlier than the 1st of April for out-of-door cultivation, a cold frame will answer. Select the locality for the cold frame in the fall, choosing a warm location on a southern slope, protected by a fence or building on the north and northwest. Set posts in the ground, nail two boards to these parallel to each other, one about a foot in height and the other towards the south about four inches narrower; this will give the sashes resting on them the right slope to shed the rain and receive as much heat as possible from the sun. Have these boards at a distance apart equal to the length of the sash, which may be any common window sash for a small bed, or the length of a usual gardener's sash. If common window sash is used, cut channels in the cross bars to let the water run off. Dig the ground thoroughly (it is best to cover it in the fall with litter to keep the frost out), and rake out all stones or clods; then slide in the sash and let it remain closed three or four days, that the soil may be warmed by the sun's rays. The two end boards should rise as high as the sash to prevent the heat escaping, and the bottom board of a small frame should have a strip nailed inside to rest the sash on. Next rake thoroughly in guano or phosphate or finely pulverized hen manure, and plant in rows three to six inches apart, depending on whether the plants are to be allowed to remain or are to be transplanted; if the latter, then three inches will be sufficient distance. Thin out the tomato plants when quite small, but allow peppers to remain rather thick at first by reason of danger from depredations of the cutworm. As the season advances, raise the sashes an inch or two in the middle of the day and water freely at evening with water that is nearly of the temperature of the earth in the frame. As the heat of the season increases whitewash the glass, and keep them more and more open until, at

about the close of May, just before the more tender varieties are set in open ground, allow the glass to remain entirely off both day and night, unless there should be a cold rain. This will harden them so that they will not be apt to be injured by the cabbage beetle, as well as chilled and put back by the change. If the tomato plants have been well hardened, the stalks will be of a red color. Should the plants be getting too large before the season for transplanting, they should be checked by drawing a sharp knife within a couple of inches of the stalk. If it is desirable to dwarf the tomatoes and thus force them into a compact growth, transplant into another cold frame, allowing each plant double the distance it before occupied.

The structure and management of a hot-bed is much the same as that of a cold frame, with the exception that being started earlier the requisite temperature has to be kept up by artificial means, fermenting manure being relied upon for the purpose, and the loss of this heat has to be checked more carefully by straw matting, and in the far North by shutters also. The front and back are also made higher than in a cold frame.

Horse manure with plenty of litter and about quarter its bulk in leaves, if attainable, all having been well mixed together, is thrown into a pile, and left for a few days until steam escapes, when the mass is again thrown over and left for two or three days more, after which it is thrown in the pit (or it may be placed directly on the surface) from eighteen inches to two feet in depth, when it is beaten down with a fork and trodden well together. The sashes are now put on and kept there until heat is developed. The first intense heat must be allowed to pass off, which will be in about three days after the high temperature is reached. Now throw on six inches of fine soil, in which mix a very liberal supply of well-rotted manure free from all straw, or rake in thoroughly superphosphate or guano, at the rate of 2,000 pounds to the acre and plant the seed as in cold frame. Keep day temperature 70 to 80 degrees, and don't allow it to fall below 55 degrees at night. If the temperature exceed 75 degrees, the plants are liable to grow spindling and weak. Do not move the sashes to give air immediately after removing the mats in the morning, lest the young plants damp off.

VEGETABLE NOVELTIES OF PREVIOUS YEARS.

FOR FULL PRICES SEE PAGES 39-51, INCLUSIVE.

ASPARAGUS.



PALMETTO ASPARAGUS.

Columbian Mammoth White Asparagus.

An entirely new variety of asparagus, which is sure to be in great demand in many localities, because it furnishes *white shoots* which stay white as long as fit for use without earthing up or any other artificial blanching, and it can be depended on to give eighty to ninety per cent *white plants* from seed. The originator sells his to a canning factory that allows him over twenty per cent more for it than any other kind grown for them. Price, per pound, postpaid, \$3.00; per $\frac{1}{4}$ pound, \$1.00; per ounce, 30 cts.; per package, 10 cts.

PALMETTO ASPARAGUS.

"Until we found this new Palmetto asparagus," writes a prominent seedsman, "Conover's Colossal had always been the leading sort, and justly so; but when we state that the Palmetto is not only much *earlier* but it is also a *better yielder*, and it is more *even* and *regular* in its growth, it will be seen, we think, that it most eventually supplant the old favorite." Price, per pound, postpaid, 80 cents; per $\frac{1}{4}$ pound, 25 cents; per ounce, 12 cents; per package, 5 cents.

MOORE'S CROSS-BRED ASPARAGUS.

For twenty years Mr. Moore took first prize on asparagus at the shows of the Massachusetts Horticultural, which proves either that Mr. Moore used extra manure and extra cultivation, or that he had what he claimed, an extra variety of asparagus. Price, per pound, postpaid, 80 cents; per package, 5 cents.

Have faith and plant seeds—the commercial skies are brightening.



BURPEE'S BUSH LIMA. (NEW.)

BEANS.

WARREN BUSH BEAN.

After having carefully tested the Warren side by side with scores of varieties, we unhesitatingly pronounce it to be the *best of all bush beans*, for table use. The Warren is a good cropper, and has a large, pulpy, stringless pod. When cooked, it has the rich quality that heretofore has been believed to be



confined to the best of the pole beans. If any of our customers, after testing it on their tables, think we have overestimated its merits, on being so notified we shall be ready to refund their purchase money. Price, per bushel, per express, \$7.00; per peck, per express, \$2.00; per quart, per express, 35 cts.; per quart, postpaid, 50 cts.; per package, 10 cts.

BURPEE'S BUSH LIMA BEAN.

This is a true bush form of the luscious large Lima Bean, and must not be confounded with *Henderson's Bush Lima*, which is the small Carolina (Sieva or Sewee) Bean, nor with the *Dreer's Bush Lima*, which is a dwarf type of the chubby Potato Lima.

Burpee's Bush Lima comes absolutely true from seed. The bushes grow eighteen to twenty inches high, of stout growth and always erect, yet *branching so vigorously* that each plant develops into a magnificent circular bush, from two feet to three feet in diameter. The bush character is thoroughly established, not one plant in a thousand showing any disposition to "run."

In the latitudes where it succeeds it is a *great yielder* of handsome large pods, well filled with very large beans, which are *identical in size and luscious flavor* to the well-known large pole Limas.

The Dreer's Bush Lima is an earlier variety, and will therefore mature farther north.

Price, per peck, by express, \$2.50; per quart, postpaid, 75 cts; per package, 10 cts.

The best bearing pea that we have ever grown is the **MARBLEHEAD EARLY MARROWFAT.**



SNOWFLAKE FIELD BEAN.

NEW DWARF LIMA BEAN (Jackson's Wonder).

A variety of dwarf Lima, which, like Henderson's, is of the Sieva class, though the beans of the Jackson are larger than those borne by Henderson's variety. They become streaked with pink, when ready for use, producing an effect very pleasing to the eye. A very prolific variety of the dwarf Lima; three quarts have been raised from thirteen beans. The Limas do best on a sandy loam well manured. Price per package, 10 cts.

DWARF BLUE PODDED BUTTER BEAN.

This is a strikingly odd novelty in beans, the leaves, stems, and pods being all of a rich dark purple color, and forms, when covered with its pinkish purple flowers, a most showy, blackish purple bush. The pods when cooked are of a rich green color, tender and stringless. Price per package, 10 cts.

CHALLENGE DWARF BLACK WAX.

One of the earliest wax beans in cultivation. As vigorous and prolific as Prolific German Wax, Black Seeded; pods as large and of as good color, ripening remarkably uniformly and well together. Price, per quart, postpaid, 45 cents; per package, 10 cents.

EXTRA EARLY DWARF REFUGEE WAX.

This is a perfect Refugee, with long, round, yellow wax pods. An immense yielder. We find that they are not inclined to rust. Price, per quart, postpaid, 45 cents; per package, 10 cents.

DWARF SPECKLED WAX.

Probably the best late yellow podded bean, not only for market but for private gardens. Its long, cylindrical, waxy yellow pods are tender, of the best quality when in condition, to use for snaps, while as a green shelled bean the variety has no superior. Price, per peck, per express, \$1.75; per quart, postpaid, 45 cents; per package, 10 cents.

BOSTON SMALL PEA BEAN.

This is the bean which sells in Boston market at from twenty-five to forty cents a bushel above the ordinary varieties of pea beans and mediums. It is early, very hardy, and very prolific, and yields from forty to sixty fold, and, in some instances, a hundred, with ordinary field culture. One hundred and twenty-three pods have been picked from one plant. The ripened seed is small, round and handsome. Price, per peck, express or freight, \$1.50; per quart, postpaid, 40 cents; per package, 10 cents.

CYLINDER IVORY POD DWARF WAX.

The following strong points are claimed for this new bean: Perfect freedom from rust and blight; great earliness; that its pods take on the wax color soon after they are formed; that its pods are perfectly round, entirely stringless; that it is remarkably productive. Price, per quart, postpaid, 55 cents; per package, 10 cents.

SNOWFLAKE FIELD.

The cut was engraved from a photograph of a vine raised on our farms. A more descriptive name would be Improved Pea Bean, for that is just what it is, — a decided improvement on the common standard pea beans in earliness, having dry beans eighty days from the time of planting. It is an upright grower and a great bearer. The pods are packed thick, in clusters, and ripen in August, all ripening at once. The leaves falling earlier than with some varieties, opens the pods to the sun. Enormously productive, one hundred and twenty well-filled pods having been counted on a single vine.

Mr. S. H. Seamans of Milwaukee, who made a careful comparative test of the yield of the Snowflake, White Wonder, and Burlingame beans, writes us that he found that in this respect Snowflake surpassed the others. He counted one hundred and twenty completely filled pods on a single vine. A correspondent of the New York *World* prefers them, as a green snap bean, to either the Refugee or Mohawk. Price, per peck, per express, \$1.50; per quart, postpaid, 50 cents; per package, 10 cents.

RHODE ISLAND WHITE BUSH.

This is the earliest snap bean raised by the marketmen around Portsmouth for the New York market, to the exclusion of all others. Very early, very productive, first-class as a snap bean. Price, per quart, postpaid, 50 cents; per package, 10 cents.

EARLY CARMINE-PODDED DWARF HORTICULTURAL.

There is no bean raised that is earlier than this. While just as early as our Marblehead Dwarf Horticultural, it surpasses it in the richer red color of its pods, which makes it decidedly more desirable as a market bean. While the common Bush Horticultural is a late bush bean, the Marblehead and the Carmine stand in the front rank of the earliest sort. Price, per quart, postpaid, 50 cents; per package, 10 cents.

MARBLEHEAD EARLY HORTICULTURAL.

What would our customers say to a variety of Dwarf Horticultural that, with all the fine traits of that excellent variety, large beans, and large, rich-colored pods, excellent either for shelling or stringing, there could be added the capital trait of being in the very front rank for earliness? The Marblehead Early Horticultural is, we think, one of the earliest beans grown. Price, per quart, postpaid, 50 cents; per package, 10 cts.

HENDERSON'S NEW BUSH LIMA.

This grows from fifteen to eighteen inches high, in a compact bush form, and produces heavy crops, which can be gathered as easily as the common bush bean. It has, also, the excellent trait of maturing its crop at least two weeks earlier than the common Lima. We find this to be the Small Lima, or Sieva. It is a thorough dwarf. To get full satisfaction from this bean it is necessary to grow it on a light soil inclining to sand. Price, per quart, postpaid, 50 cts.; per package, 10 cts.

DREER'S BUSH LIMA.

This is a much larger bean and of decidedly better quality than the Henderson Bush Lima. It is not quite as large as Burpee's Bush Lima, but the beans are thicker, sweeter, grow closer together in the pods, are more tender and succulent, and, what is of great importance, it is a decidedly earlier variety, and the pod remains longer green after maturing. For some reason, unknown to us, it is sometimes called the "Potato" Lima. On our grounds it grows about two feet high, is of vigorous, branching habit, matures early and yields well. Plant in rows two and one half feet apart, and have the plants a foot apart in the rows. For private gardens, and wherever the use of poles is undesirable, it will be a great acquisition. Price, per quart, postpaid, 75 cents; per package, 10 cents.

HORTICULTURAL LIMA POLE BEAN.

This is said to be a cross between the Dwarf Horticultural and Dreer's Lima, but we must frankly say we don't believe such a cross to be possible. However, it is an excellent bean, let its origin have been what it may. It is early, with a flat, dark green pod, and is of excellent quality: on the whole, a first-class shell bean. Price, per quart, postpaid, 60 cents; per package, 10 cents.

WILKINS' POLE CRANBERRY.

This is a capital variety of the old-fashioned pole Tory or Cranberry bean. It takes to the pole exceptionally well; is a hearty, healthy, vigorous grower, nearly covering the pole with its numerous pods. Though not of the wax class, yet all the Cranberries are nearly entirely free of "strings" and make excellent snap beans at any stage of their growth, and those that ripen are unsurpassed for baking; medium late. Price, per quart, postpaid, 75 cents; per package, 10 cents.

Golden Champion Pole Bean.

We consider this the greatest acquisition of years to the class of wax pole beans. *It is the earliest of all the wax varieties,* has pods as long as the longest, eight inches, and they are of a peculiarly rich, waxy white color, more so than that excellent variety, the Golden Butter. The pods are plump and round, and the foliage exceptionally stout and healthy; pods stringless. Mr. Ferry noted on his trial grounds that this new bean furnished a full picking of fine pods before the Early Golden Wax growing beside it came into flower. "The points of superiority are extreme earliness, great productiveness, and the unusually fine color and quality of the pods." Price, per quart, postpaid, 60 cents; per package, 10 cents.

KING OF THE GARDEN LIMA POLE.

The King of the Garden is a vigorous grower, requiring but two vines to each pole. When not too closely planted they set their beans early, at the bottom of the pole, producing a continuous bloom and fruitage to the end of the season.

The vines grow luxuriantly and furnish a bountiful supply of enormous pods, many specimens measuring from five to eight inches, and producing five and six beans to the pod.

The King of the Garden Lima bean is a variety of unexcelled merit, fully warranting all the praise it has received. Price, per quart, postpaid, 55 cents; per package, 10 cents.

GOLDEN CLUSTER POLE.

The pods of this variety are enormously large and long, exceeding in size any pole bean cultivated; they are of a fine waxy white and snap capitally. We find that on favorable soil it has cropped splendidly. Price, per quart, postpaid, 60 cents; per package, 10 cents.

Good seeds with bad cultivation may grow better crops than bad seeds with good cultivation.

Mammoth Carmine Podded

Horticultural Pole Bean.

Every market-man is eager after the largest podded, the most productive, and the richest Carmine Colored Horticultural Pole Bean. *Here he will find decidedly the best and most attractive that has ever been catalogued.* One of our clerks, who visited a large plantation of this new bean in 1893, tells me it was the handsomest sight in beans he ever saw. The thousands of poles were literally covered from top to bottom with its large extra, carmine colored pods; "painting the landscape red" with their mass of most brilliant coloring. Not only are the pods so much richer in color, but both pods and beans are larger than those of the common kind. *Market gardeners will grow no other variety of the Horticultural after having once made trial of this.* Price, per pkg., 15c.



Try our Crosby's Egyptian for early.

BEETS.

See Detroit Dark Red, page 22.

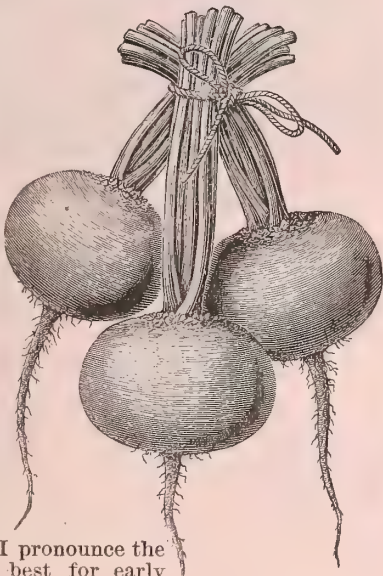
CROSBY'S EGYPTIAN.

This strain of the Egyptian has become so popular among market gardeners that we have concluded to have its portrait taken for our gallery of good vegetables. FOR THOSE WHO WISH FOR A DARK-FLESHED, SMALL-NECKED EARLY VARIETY OF BEET, THIS IS DECIDEDLY THE EARLIEST AND BEST SORT.

As early as the original Egyptian, by careful selection it has been made thicker, and is less inclined to push up a woody neck as it advances in growth.

George B. Courtis, one of our best resident market gardeners, expresses but the general sentiment when he says, "After trials of many varieties, I pronounce the Crosby's Egyptian the best for early market."

Price per pound, postpaid, \$1.00; per ¼ pound, 30 cents; ounce, 10 cents; package, 5 cents.



ECLIPSE.

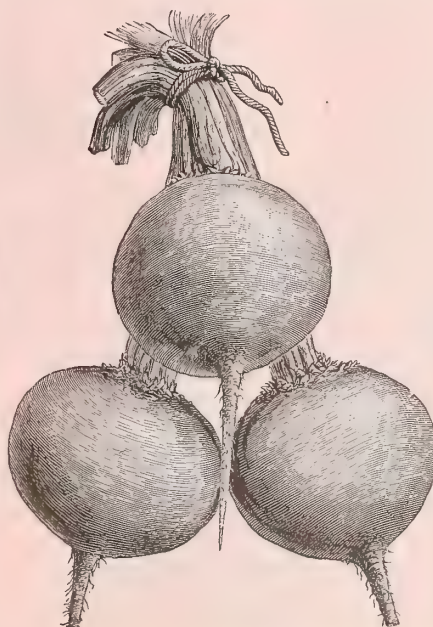
This valuable beet, which we introduced a few years ago, has become a standard early variety. We might fill pages with recommendations, but will only add that one of the best proofs of its merits is found in the fact that many of the largest seed-dealers still send to us for seed, at any price, to supply their customers.

A prominent market gardener writes us:—

"In an experience of fifteen years, I find the Eclipse surpasses all in earliness, color, smallness of top and smoothness; and, moreover, it is a splendid cropper.

Price, per lb., postpaid, 75 cents; per ounce, 10 cents; per package, 5 cents.

Susan Sharp, Bell, O., writes: "The Eclipse Beet eclipsed all those of my neighbors. I had beets earlier than any of them."



Kindly send your orders in early, which will be as well for you and better for us.

BEETS—Continued.

Wendell D. Wiltse, West Oswego, N.Y., writes: "Many years ago I used your seeds and was well satisfied, but, like the Prodigal, I wandered away, and now in penitence I return. You need not kill the fattened calf, however."

A. Anderson, Painesville, Ohio, writes: "Faust's New Crimson Beet, I got of you last season, proves the earliest of all the five varieties I planted."

Fred Rosch, Beatrice, Neb., writes: "Your All-Seasons Cabbage is the king in Gage County; I have taken first premium with it for the last four years."

Sarah F. Carter, Lancaster, Mass., writes: "Your Lentz beet is the finest and sweetest we ever had."

**WE AIM TO SELL BUT ONE
QUALITY OF SEEDS, AND
THAT THE BEST.**



We are much pleased as well as surprised with this new beet, — pleased with its rich crimson color, and surprised to find that it was the EARLIEST BEET IN OUR EXPERIMENTAL PLOT, WHICH INCLUDED SUCH VARIETIES AS EGYPTIAN AND ECLIPSE! It is of excellent quality, and its deep blood-red color makes it very attractive to the eye. It is doubtless the sweetest of all beets, and a first-class early for every one, but of especial value to market gardeners. It is sometimes catalogued as the Mitchell's beet. Price, per pound, postpaid, 68 cents; per 4 pound, 20 cents; per ounce, 10 cents; per package, 5 cents.

EDMANDS' BLOOD TURNIP.

This is a very good strain of late turnip beet, with flesh of an extra dark color, which makes it very popular with market gardeners. We find it to be medium early. Our customers will find it an excellent variety for general crop where a dark colored beet is wanted. By the by, what a notion we have that a dark colored beet must be the sweetest! There is no beet sweeter than the yellow turnip, nor do we think handsomer when on the table. Price, per lb., postpaid, 60 cents; per 4 lb., 18 cents; per oz., 10 cents; per package, 5 cents.

ARLINGTON FAVORITE BEET. ** Wherever the market gardeners of Arlington (a suburb of Boston) lead it is pretty safe to follow, in the line of new vegetables. We find this new beet of theirs to be a fine early sort, dark red in color, having a small tuft of leaves for foliage, of good form, fine flavor, and on the whole an excellent variety either for the market gardener or for the home garden. Price per pound, postpaid, 70 cents; per ounce, 15 cents; per package, 5 cents.

FOTTLER'S EARLY BRUNSWICK CABBAGE.

After an extensive trial on a large scale by market farmers in all parts of the United States, Fottler's cabbage has grown in estimation in all the great cabbage districts. Those of our brother farmers who raise this fine, early Drumhead will find the Deep Head an improvement on it in depth of the head, which makes it a better strain to raise when the crop is for winter or spring marketing. Price, per pound, postpaid, \$2.00; per 4 pound, 58 cts.; per ounce, 25 cts.; per package, 5 cts.

EXPRESS CABBAGE. (New.)

This is a choice variety of early cabbage. Vilmorin, the great French seedsman, ranks it at the head of all the early sorts. We find on our grounds that it resembles the Early Wakefield in shape, but makes larger heads. A good cabbage for those who raise for the earliest market. Per ounce, 25 cents; per package, 10 cents.

THE WARREN.

Sometimes called "Warren's Stone Mason."

A first-class cabbage. It makes a deep, round, and very hard head, the outer leaves wrapping it over very handsomely. In reliability for heading no cabbage surpasses it. It comes in as early as some strains of Fottler, and a little earlier than others. A capital sort to succeed the All-Seasons. Seed scarce. Price, per pound, postpaid, \$3.00; per 4 pound, 95 cents; per ounce, 30 cents; per package, 10 cents.

This new strain of early turnip beet has a great reputation in the Philadelphia market, it being a great favorite with the most eminent market gardeners. We find that it is early, of a fine symmetrical form, and that it has a remarkably small, short top. The flesh is very prettily ringed in color, and its quality is tender and sweet. "The Lentz Hybrid Beets were of superior quality."—Stephen Clemons, Hampton, Va. Price, per lb., postpaid, 68 cents; per 4 lb., 20 cents; per oz., 10 cents; per package, 5 cents.

GIANT YELLOW INTERMEDIATE MANGOLD.

This will be found to be an improvement on the common intermediate, being considerably larger in size. It grows more than half above ground, and is of a russet-yellow color. Rather elongated and a vigorous grower, it has a thick neck, large leaves with green stems, and very smooth, fine skin. Flesh, white, firm and sweet, much liked by cattle. In short, an excellent root, easily lifted from the ground, producing enormous crops, and an excellent keeper. We find in them a little irregularity in shape. Price, per pound, postpaid, 50 cents; per 4 pound, 18 cents; per ounce, 10 cents; per package, 5 cents.

DIAMOND WINTER CABBAGE.

Said to be a cross between the Short Stem Drumhead and that remarkably hard-headed sort, the Danish Round Winter, making a large-sized, very hard-headed variety, not liable to crack open, growing on a short stump, and very reliable for heading. Price, per pound, postpaid, \$3.00; per ounce, 30 cents; per package, 10 cents.

MARBLEHEAD MAMMOTH CABBAGE.

This is, without doubt, the largest variety of the cabbage family in the world. We have had heads, when stripped of all waste leaves, that could not be got into a two-bushel basket, having a diameter two inches greater. Our patrons generally succeed in growing the Mammoth to the weight of thirty and forty pounds, and in some instances over ninety pounds. It is the best of all varieties to raise for winter feed for poultry. Price, per pound, postpaid, \$2.00; per 4 pound, 58 cents, per ounce, 25 cents; per package, 10 cents.

HENDERSON'S SUCCESSION CABBAGE.

We find this to be a valuable variety. It has been thoroughly well bred, and has uniformly short stumps; about every one of them supporting well-shaped, firm, solid heads, as like each other as twins. Mature about ten days later than Early Summer. Price, per pound, postpaid, \$3.00; per ounce, 30 cents; per package, 10 cents.

Plant our All-Seasons for market. It is making hosts of friends.

CABBAGES.

Please Notice Cabbages on Page 12.

Try the Reynolds in your garden, and the family will appreciate the act.

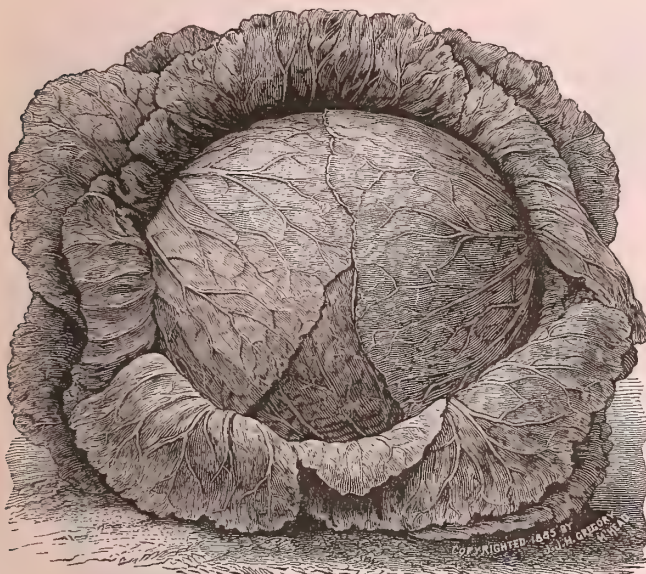
ALL HEAD.

If there is any difference between this and our Deep Head, certainly we have been unable to find it. However, under whatever name it may be known, it is an excellent sort for reliability, for heading, size, earliness, and hardness of the head. Our stock is from headquarters and can be relied upon as true to name. Per pound, postpaid, \$2.50; per $\frac{1}{4}$ pound, 73 cents; per ounce, 25 cents; per package, 10 cents.

ALL-SEASONS. (Headquarters Stock.)

Sometimes called "VANDERCAW."

This fine variety has through clear, sheer merit introduced itself into every leading catalogue in the United States. It is called "All-Seasons" because it is just as good for late market or to keep over winter, as it is for the early market. Our



stock is from specially selected heads. This is what the market gardeners write us:—

William S. Smith, Randolph, Mass., writes: "The cabbages grown from your All-Seasons seed last year were the best I ever raised. They are just as good now (March 15) as when first gathered."

John T. Kinney, No. Leominster, Mass., writes: "I have tried a great many varieties of cabbage seed, but your All-Seasons cabbage beats them all."

E. J. Ferguson writes: "Although it was a dry season, the All-Seasons cabbage made fine solid heads."

Samuel Staddon writes: "Your All-Seasons cabbage is the best that Chicago ever saw."

Lemuel Frazier, Jefferson Co., Wis., writes: "Your All-Seasons cabbage is the best cabbage I ever raised, both for market and family use."

C. C. Lineberry, Greensboro, N. C., writes: "Your All-Seasons cabbage is the best I have ever raised, and I will continue to use your seed as long as they are as pure as they have been heretofore."

Price, per pound, postpaid, \$2.50; per $\frac{1}{4}$ pound, 73 cents; per ounce, 30 cents; per package, 10 cents.

EARLY DEEP HEAD.

Every one of our customers who has raised them must have found the Early Deep Head a magnificent cabbage. The Deep Head makes a larger and thicker head than the original Fottler, hence is better to keep over winter, "peeling" well in

the spring. We present a few recommendations of the cabbage, as given by some of our customers:—

Jacob Carl, Roaring Creek, Pa., writes: "I raised an Early Deep Head cabbage from your seeds that weighed twenty-two pounds." W. L. Kuykendall, Dunlap, Ia., writes: "You do not speak highly enough of the Deep Head; it is the best cabbage I have ever had." Geo. W. Newcomb, East Bangor, Me., writes: "I have had good success with your Deep Head cabbage. I raised 8,000 heads and found no waste." John Saunders, South Bay City, Mich., writes: "From your Deep Head cabbage seed I grew six heads that weighed 204 pounds."



Price, per pound, postpaid, \$2.50; per $\frac{1}{4}$ pound, 73 cents; per ounce, 25 cents; package, 10 cents.

PREMIUM FLAT DUTCH.

This variety is so generally well known in every cabbage-growing district of the United States that an introduction is not necessary. There are several different strains of this cabbage. We have endeavored by years of careful selection of



stock to make our own very choice; a large increase in sales, especially in the South, is the best proof that it is so. Very reliable for heading. Price, per pound, postpaid, \$2.00; per $\frac{1}{4}$ pound, 58 cents; per ounce, 20 cents; per package, 5 cents.

CABBAGES—Continued.

Gregory's Hard-Heading (or Luxembourg).



The Hard-Heading is the king of all cabbage for late spring selling.

A. W. Dodge, commission merchant, Boston, Mass., writes: "You may say to any one who may think of growing the Hard-Heading that I say they are the finest cabbage that was ever put in Boston market at this time, May 11, 1891."

Writes Mr. R. M. Edgecomb, from Mapleton, Mich.: "I have just (April 15) taken out a wagon-load of your Hard-Heading almost as green as when buried."

George H. Baer, Morgantown, Pa., writes: "We had a head of your Hard-Heading cabbage on the table the first of June as sound and solid as a new cabbage."

John Pawling, Loraine, Wis., writes: "Your Hard-Heading cabbage beats them all for keeping."

A little advice: for early fall marketing we should as soon have the Deep Head, Stone Mason varieties; but for late fall, when a large proportion is wanted for shipment, or to be stored for winter sales, for winter marketing, and pre-eminently for spring and late spring sales, when cabbages usually bring their highest price, *this is the cabbage*. THOSE WHO RAISE IT WILL HAVE THE MARKETS OF LATE SPRING ENTIRELY TO THEMSELVES. Price, per pound, postpaid, \$3.00; per 1-4 pound, 95 cents; per ounce, 30 cents; per package, 10 cents.

When seeds that we sell are of our own growing, we can sleep sound by night; buy your seeds directly from the raiser, and sleep sound too.

IMPROVED AMERICAN SAVOY.



The Savoy is the tenderest and the richest flavored of all cabbages, and for boiling are decidedly the best, being much superior to the Drumhead and cone-shaped varieties. The Improved American Savoy is probably the best of all the Savoy for the general market. It grows to a large size, is as reliable for heading as the

Stone Mason or Premium Flat Dutch, and has as short a stump as either of these varieties. We heartily recommend it to all those market gardeners who grow Savoy for the general market. Price, per pound, postpaid, \$2.00; per 1-4 pound, 53 cents; per ounce, 20 cents; per package, 5 cents.

Early Jersey Wakefield.

The standard early cabbage in the markets of New York and Boston. Our seed stock will be found to be very choice, being raised from the finest hard heads, carefully selected. We

raise two varieties which differ in earliness and size, the larger one being three or four days later than the other. Price, per pound, postpaid, \$3.00; per 1/4 pound, 95 cents; per ounce, 30 cents; per package, 10 cents.



REYNOLDS' EARLY.

The Reynolds is a scientific cross, made by Mr. Franklin Reynolds, between the Schweinfurt Quintal and Cannon Ball cabbage, the result being a new variety in which are combined the good qualities of both its parents. The Reynolds is probably the only cabbage that was ever produced in this country by an actual crossing of two varieties. Most of the new kinds are only strains made by careful selections. Planting different varieties of seed cabbage side by side does not insure or even make probable a crossing of varieties.

The great drawback to the Schweinfurt was the softness of the heads. Now the Cannon Ball is an early cabbage, being one of the hardest heading varieties known; and the result has been to produce a new cabbage, which, while as early as the Schweinfurt, partakes also of some of the hardness of the Cannon Ball. The flavor of this new cabbage is rich, tender, and sweet, being superior to the Drumhead class, making it a valuable variety for family use, and also for marketing, where there is not a long transportation. None of the scores of varieties we have ever grown has a shorter stump than this (the heads appear to rest directly on the ground), and none is surer to head.



W. W. Wilson, Mt. Sterling, Ky., writes: "I grew the Reynolds cabbage to weigh twenty-five pounds, the largest ever grown in this section."

W. R. Skells, Watertown, N. Y., writes: "I have tried Succession, All Head and several other second early varieties of cabbage, but have as yet found nothing that equals Reynolds' Early."

Price, per pound, postpaid, \$2.50; per ounce, 25 cents; per package, 10 cents.

Guerande can be pulled by hand.

CARROTS.

Danvers—Ours is the market gardeners' strain.



CHANTENAY.

CHANTENAY.

This new French carrot is of a rich, dark orange color. The stock has been so well bred that the carrots are almost duplicates of each other. In earliness it ranks intermediate between the Danvers and the Short Horn. It is of the style of the Danvers, hardly as large, but finer and more symmetrical. Our customers will find the Chantenay a decided acquisition for those markets which call for a carrot of a finer type than the Danvers. Price, per pound, postpaid, \$1.00; per ounce, 12 cents; per package, 5 cents.

GIANT WILTSHIRE.

This is the Goliath among the carrot family. Under rich manuring it will grow to be nearly the size of an average Mangold-wurzel. It is white under ground and greenish above, and grows so much above ground as to be pulled without digging. Forty tons can be raised on an

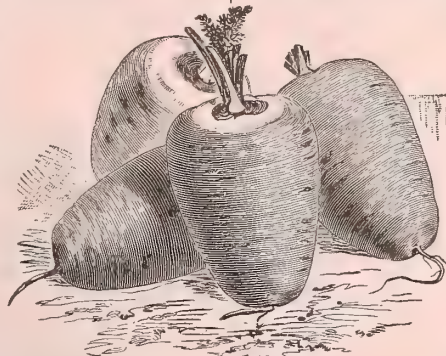
acre. It is usually fed to horses. The seeds require thick planting to get a good stand. Have rows fifteen inches apart and thin to five inches. Price, per pound, postpaid, \$1.00; per ounce, 15 cents; per package, 5 cents.

James O. Gunter, Drain, Ore., writes: "Your Giant White Wiltshire Carrot was the largest I ever saw."

IMPROVED SHORT WHITE. (New.)

This new and distinct variety, Mr. Ferry thinks, is destined to take first rank as a field carrot, owing to its enormous productiveness, and the ease with which it can be harvested. Roots half long, very heavy at the shoulder, smooth; color light green above ground, white below; flesh rich, white, solid, crisp, and of excellent flavor. As a heavy-cropping, easily harvested white carrot it is the best of its class. A real acquisition. Price, per pound, postpaid, 92 cents; per ounce, 10 cents; per package, 5 cents.

My neighbor, Smith, had every kind of labor-saving farm machinery, but no gumption; his neighbor, Jones, had only a few old rattletaps, but plenty of gumption. Jones scored.



GUERANDE HALF-LONG.

DANVERS.

In the town of Danvers, Mass., the raising of carrots on an extensive scale has for years been quite a business,—the farmers finding a large market in the neighboring cities of Salem, Lynn, and Boston. After years of experimenting they settled upon a variety which originated among them (as did the Danvers onion), known in their locality as the "Danvers Carrot." It is in form about midway between the Long Orange and Short Horn class, growing, generally, with a stump root. The great problem in carrot growing is to get the greatest bulk with the smallest length of root, and this is what the Danvers growers have attained in their carrot. Under their cultivation (see our Treatise on Carrots and Mangolds), they raise from twenty to forty tons to the

acre, and, at times, even larger crops. This carrot is of a rich dark orange in color, very smooth and handsome, and from its length is easier to dig than the Long Orange. It is a first-class carrot for any soil. *The seed we offer is from most carefully selected stock.* Price, per pound, postpaid, \$1.33; per ounce, 15 cents; per package, 5 cents.

P. L. Pasco, Ripon, Wis., writes: "I have grown Danvers Carrots from your seed at the rate of sixteen hundred bushels to the acre."

GUERANDE HALF-LONG, STUMP-ROOTED OR OXHEART.

Intermediate as to length between the Scarlet Horn and the Short Horn. It is thicker at the neck than the latter, and, as will be seen by the engraving, carries its thickness well down towards the bottom. Planting it on a large scale, we are well pleased with this new carrot. With us it yielded at the rate of thirty-five tons to the acre. Every carrot can be easily pulled by hand; no ploughing or digging is necessary. As it pushes out each side of the row when growing, it can be left thicker in the row than the Danvers or Long Orange. Price, per lb., postpaid, 95 cts.; per oz., 12 cts.; per pkg., 5 cts.

Writes G. W. Tripp, Otsego, Wis.: "From one ounce of the Guerande I raised forty-two bushels of fine carrots."

Writes Mr. Walter B. Knight, of Troy, Me.: "On two square rods of land I raised eighteen bushels, which would be at the rate of fourteen hundred and forty bushels to the acre."

D. O. Gillett, So. Cass, Mich., writes: "I raised this year Guerande Carrots at the rate of nineteen hundred and sixty-five bushels per acre."



DANVERS.

CAULIFLOWER.

THORBURN'S GILT-EDGE.

(See cut.)

This is undoubtedly the finest strain of the Snowball variety. It is a little later and larger than the common Snowball, and can be left longer in the field without decaying. Price, per ounce, \$3.50; per package, 25 cents.

HENDERSON'S SNOWBALL.

This ranks very high among the early varieties; for earliness, reliability for heading, size of head, and rich, white, curdy appearance, it is deservedly very popular. It has the best characteristics found in the Berlin Dwarf, Extra Early Erfurt, or Sea Foam. *Our seed will be directly from Henderson & Co., and all except the packets will bear their seal.* Price, per ounce, \$4.00; per package, 25 cents.



COPYRIGHTED BY J.M. THORBURN & CO. 1888.

LONG ISLAND BEAUTY.

Of the thirteen varieties of cauliflower raised in our experimental plot in 1888 every specimen of the Long Island Beauty made fine heads, and the heads averaged larger than any other sort. It is among the very earliest. We would advise all our market-garden customers, who are raisers of cauliflower, to give this a trial. Mr. Brill calls it "absolutely and unequivocally the best cauliflower in the world." Price, per ounce, \$2.50; per package, 25 cents.

EXTRA EARLY DWARF ERFURT.

(Seed specially selected.) Very early, hardy, dwarf and compact. One of the very best for forcing and for an early variety. We have grown them fourteen inches in diameter. Price, per ounce, \$3.00; per package, 25 cents.

As a keeper the Pascal is fast
winning its spurs.

CELERY.

Our Lackey's Corn is nearly as early
as the Cory and of fine quality.

GIANT PASCAL.



This new variety of celery comes to us from France. It is a tall sort, growing large, thick, and solid stalks. Dark green in color, it has a golden heart and a rich, nutty flavor. Unlike some of the self-blanching varieties, this is a fine keeper, being found in the markets of Paris from the end of December to the beginning of March. Well worthy the attention of every enterprising market gardener. Price, per oz., 35 cts.; per pkg., 10 cts.

KALAMAZOO.

This is said to be "the most perfect type of Dwarf White Celery known." Very distinct and handsome, of a beautiful cream-white color throughout, it attains a very large size, is of quick growth, stiff and close habit, is remarkably solid, crisp eating, and finely flavored. The ribs are very broad, thickly and closely set. By reason of its neat growth and showy appearance, it is a specially valuable variety for market. A first-class keeper. Price, per pound, postpaid, \$2.25; per $\frac{1}{4}$ pound, 68 cents; per ounce, 25 cents; per package, 10 cents.

WHITE PLUME.



The peculiarity of the celery known as "White Plume" is, that by closing the stalks, either by tying them up with matting, or by simply drawing the soil up against the plant, and pressing it together with the hands, and again drawing up the soil with the hoe or plough, so as to keep the soil that has been squeezed against the celery in its place, the work of blanching is completed. The very qualities that make its culture so simple unfit it for a spring celery, as its tenderness and crispness of structure cause it to rot quicker than the old green kinds. Price, per $\frac{1}{4}$ pound, 95 cents;

per ounce, 35 cents; per package, 10 cents.

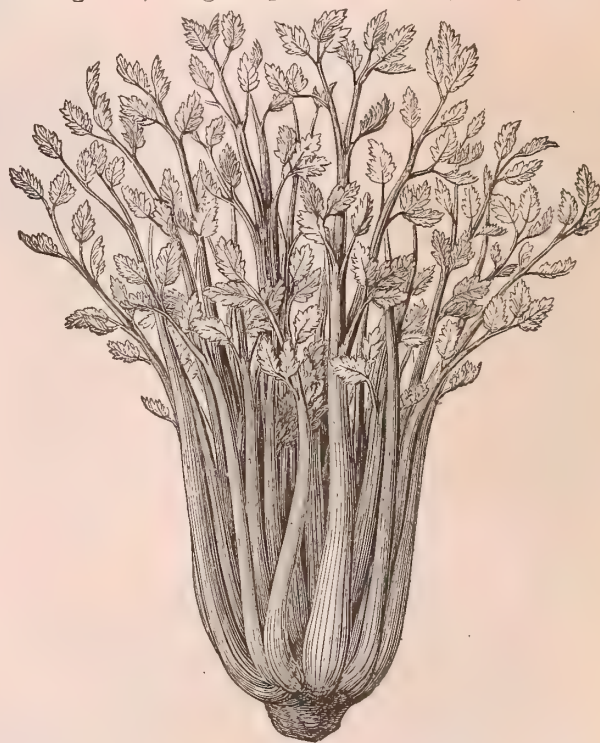
M. S. Gosney, Boston, Ky., writes: "The White Plume and Paris Golden Celery were very fine."

CRAWFORD'S HALF-DWARF.

This variety is very extensively grown by the market gardeners who supply the markets of New York City. It has a rich, nutty flavor, and great vigor of growth. When blanched, it is very ornamental for the table, and surpasses most of the large-growing sorts in weight of bunch, when grown under the same conditions. Price, per pound, postpaid, \$2.00; per $\frac{1}{4}$ pound, 58 cents; per ounce, 25 cents; per package, 5 cents.

Paris Golden-Yellow Large Solid.

This celery has become exceedingly popular, blanching sooner than any other sort. It surpasses in about all the characteristics sought after,—vigor of growth, a tendency under high cultivation to shoulder like the Boston Market, large size, readiness in blanching, *it being to a large degree self-blanching*, and in possessing the rich, nutty flavor of the best varieties. It is decidedly a better keeper than most of the self-blanching sorts, though surpassed in this respect by the Bos-



ton Market, Pascal, and Arlington. We would advise all market gardeners to give it a trial. Mr. W. H. Munroe of Beverly, Mass., writes us: "I find the Golden-Yellow Large Solid Celery to be very large and stalky, very easily blanched, very fine in flavor, and of a rich golden-yellow color. I very much like it." F. J. Kinney, Worcester, Mass., indorses this variety as the best he has thus far found, for winter market. This has become the acknowledged early variety grown for the very discriminating people of Boston, by the market gardeners who supply them. Price, per pound, postpaid, \$3.50; per $\frac{1}{4}$ pound, \$1.10; per ounce, 35 cents; per package, 10 cents.

DWARF GOLDEN HEART.

A half-dwarf sort, silvery white, with golden heart, perfectly solid. One of the leading Boston market gardeners considers it an acquisition. Price, per pound, postpaid, \$2.00; per ounce, 25 cents; per package, 5 cents.

Please note list of discounts on page 1.

CORN.

COUNTRY GENTLEMAN SUGAR. (New.)

Who that has raised that sweetest of all varieties of sugar corn, which we were the first to catalogue over a dozen years ago, under the name of "Quaker Sweet," but has since been renamed "Ne Plus Ultra," has not regretted that the ear was so small as to make it difficult to market it? In this new variety, the "Country Gentleman," we have ears of good market size, which retain all the delicious quality of the "Ne Plus Ultra." Like that, it is remarkably prolific, averaging two or more ears to each stalk. Cobs small and kernels long. *Our customers will find this to be a decided acquisition either for home use or for marketing.* Price, per peck, per express, \$1.00; per quart, express, 20 cents; per quart, postpaid, 32 cents; per package, 10 cents.

COUNTRY GENTLEMAN
SUGAR CORN.**Bonanza Sweet.** (New.)

An early variety with ears as large as Evergreen. About as early as Minnesota or Crosby, but the ears are decidedly larger, rich flavored, and sweet. The market gardener who originated it for years held a monopoly of the market, carrying in a large sweet corn weeks ahead of his competitors. We find the Bonanza is exceedingly prolific, yielding oftentimes two ears to a stalk. Price, per quart, postpaid, 32 cents; per package, 10 cents.

NONESUCH SWEET. (New.)

This new variety will be sure to please, because of the good size of the ears, its strong growing qualities, and heavy yield. It is 12 to 14 rowed, coming in just after

Moore's Concord, with larger ears. The leaves, stalk, and cob are of a rich pink color, while the grain is white tinted with pink at the cob end. Per peck, express, 90 cts.; per quart, express, 20 cts.; per quart, postpaid, 32 cts.; per pkg., 10 cts.

EXTRA EARLY HURON DENT. (New.)

Mr. C. S. Clark, a very extensive corn grower, makes a standing offer of \$150.00 to any one who will produce a Dent corn as early, as pure, as smooth and free from roughness, with so little space between the rows, and so well grained over both ends, as this new variety. The Early Huron proves to be as early as the earliest Dent corn in cultivation, *is as early as the Flint varieties*, with a most perfectly shaped ear, smooth and free from roughness, with remarkably little waste of space between the rows, and well grained over both ends. Certainly the Early Huron is well worth a trial by all of us who have heretofore, by reason of the lateness of the Dent, confined ourselves to the Flint varieties. Per bushel, per express, \$2.25; per peck, 75 cents; per quart, postpaid, 40 cents; per package, 10 cents.

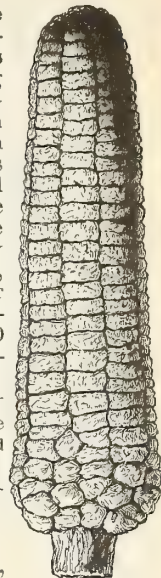
QUINCY MARKET. (New.)

A great favorite in Boston market, coming in just after the Cory, and just before the Crosby. The ears resemble the Crosby, being twelve rowed, but are larger. It is very prolific, many of the stalks bearing two ears. A true sugar corn sweet and of excellent quality. Per quart, postpaid, 37 cents; per package, 10 cents.

WHITE CORY. (New.)

Some have objected to the Cory because the kernels of some of the ears have a reddish cast. Here is a new strain, which is not open to this objection, for, by planting only white-cobbed ears of the Cory, after several years of care, a distinct variety has been produced, which is nearly entirely free from the objectionable red cob and kernels. It is equally as early as the original Cory, and averages sweeter. These two strains of the Cory we have carefully compared with all the various kinds of extra early corn sent out by our fellow-seedsmen, and we have not, thus far, found any variety of equal size earlier. Per bushel, per express, \$3.25; per peck, per express, 95 cents; per quart, per express, 20 cents; per quart, postpaid, 32 cents; per package, 10 cents.

C. F. Lusering, St. Mary's, Texas, writes: "I have been buying your seed for at least 20 years, and find them all that I could desire."

WHITE CORY
CORN.**Stabler's Early.** (New.)

One of the earliest of the second early class, following close after the Cory. It is twelve rowed, the ears large for so early a sort, and *very sweet*, in this respect surpassing all the earliest sorts. A good cropper, and profitable both for family use and as a market sort. Per peck, per express, 90 cents; per quart, per express, 20 cents; per quart, postpaid, 32 cents; per package, 10 cents.

LIVINGSTON'S EVERGREEN SWEET.

We find this comes in about a fortnight earlier than Stowell's, yielding large, handsome ten or twelve rowed ears, the kernels of which are extra tender and extra sweet. Capital variety to follow Moore's. Price, per quart, postpaid, 37 cents; per package, 10 cents.

PERRY'S HYBRID.

On our experimental grounds this has proved to be very early, and a remarkably large-eared sort for one so early. We would suggest to our farmer friends that either this or the Boston Market, if planted at the same time, would follow, for marketing, just after the Cory. Price, per quart, postpaid, 32 cents; per package, 10 cents.

POTTER'S EXCELSIOR.

We don't think there is a sweeter, richer-flavored corn for the table than this. Its quality is a surprise to us, and we think it will be to any of our customers who have not as yet grown it. In its season this is the favorite corn in the restaurants of the large cities. There is but little call for any other in Boston when the Excelsior comes into the market. Price, per quart, postpaid, 32 cents; per package, 10 cents.

Marblehead Mammoth Sweet.

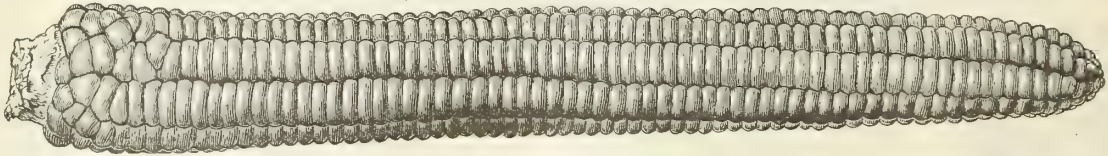
Green ears have been exhibited weighing between two and three pounds. It is the earliest, sweetest, and largest of all the Mammoth sweet varieties. Probably no other sweet corn will yield as much fodder, and it is extensively planted to be fed green, or be put into the silo. Price, per quart, postpaid, 32 cents; per package, 10 cents.

The two largest onion crops ever raised in Massachusetts — that of Hon. A. T. Newhall at Lynn, in 1886, 1,123 3-4 bushels of Early Red Globe per acre, and that of Mr. Ettore Tassinari, at the Danvers Insane Asylum, in 1893, 1 r-3 acres, at the rate of 1,082 bushels of Early Round Yellow Danvers per acre — were both grown from our seeds.

CORN—Continued.

LONGFELLOW'S FIELD.

This fine field corn is the result of careful selection in the Longfellow family (relatives of the distinguished poet) for over fifty years. The ears are remarkably long, some of them fifteen inches, and oftentimes two or more good specimens grow on one stalk. The cob is quite small, and the kernels large. It is the largest variety of yellow field corn that we have ever found



it safe to plant in the latitude of Massachusetts, where it is quite extensively grown. Jonathan Skilton, Northboro, Mass., reports one hundred and fifteen bushels shelled corn from an acre. This is the variety that took the first premium among the flint corns at the great exhibition at Chicago a few years ago. Price, per package, 10 cents; per quart, postpaid, 35 cents; per express, 20 cents; per peck, 60 cents; per bushel, \$2.00.

THE BEST CORN FOR THE SILO.

Of all the large Southern varieties suitable for the silo, we prefer the Leaming. It is very tall and leafy, and the very large ears will mature in Central New England. Of the Northern varieties of field corn, I find that Blunt's makes the most fodder; it not only grows a tall stalk, but it has more leaves than other varieties, they growing nearer together on the stalk. Of the sweet varieties, the Marblehead Mammoth and Stowell's we consider the best. The Mexican June variety, just introduced (see page 2), is well worth a trial. Price, per bushel, of Leaming, \$2.00; Marblehead Mammoth, \$3.00; Stowell's, \$2.75.

LACKEY'S EARLY SWEET.



The Marblehead and Cory varieties, which we introduced a few years ago, have not as yet been surpassed in earliness, as we have learned by testing them with every new early sort. But the Lackey Corn, which we introduced to our customers in 1890, will be found to surpass either of them in two very important qualities: 1st, IT HAS LESS SMUT AMONG IT; and 2d, IT IS A SWEETER VARIETY, being deliciously sweet. Mr. Lackey has spent years in perfecting this variety, and the result of his good work has been to produce a very desirable early market sort, with ears and kernels as large as the Cory, while it smuts less and is sweeter. This will be an excellent

substitute for the Cory, or one to follow the market directly after it, as it matures earlier than the Crosby. Price, per peck, per express, at purchaser's expense, \$1.00; per quart, postpaid, 37 cents; per package, 10 cents.

C. A. Hill, Middleton, writes: "I do not want for my family use any better corn than Lackey's."



Seeds per mail postpaid by us; per express or freight at purchaser's expense for charges.



THE CORY.

This new sweet corn, which we introduced in 1885, is now the recognized first early sweet corn; all of the "first earlies" are but other names for it.

Mr. Charles N. Dyer said that he had raised the Early Marblehead side by side with the Cory, and found that the Cory was a few days earlier; it made a larger and more presentable ear for marketing, the husk covering the tip of the ear better than was the case with the Marblehead.

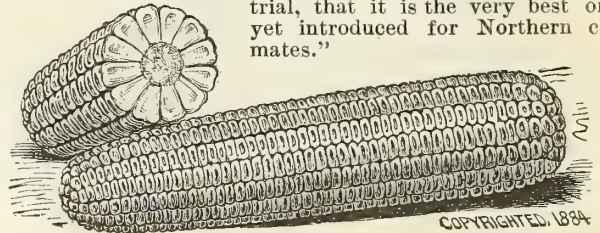
Mr. Lorenzo Talman told us he raised four rows of Marblehead Early side by side with the Cory, and found the latter the earlier by three or four days; "but," said he, "these four days made the difference with me between thirty-five or forty and twenty cents per dozen."

Mr. Anthony said: "I find it a decided improvement on the Marblehead in earliness, size of kernels, and general presentableness of the ear."

Price, per bushel, \$3.25; per peck, per express, 95 cents; per quart, postpaid, 32 cents; per package, 10 cents.

EARLY BUTLER DENT.

Mr. Clark, of Ohio, who sends out this new corn, writes us as follows: "For three years I have been testing this corn with all the standard and new sorts, and find, after a thorough trial, that it is the very best one yet introduced for Northern climates."



F. K. Bussing, of Hutch'nson, Kan., writes: "I am well pleased with the Butler corn. It is the corn for this country, a small cob and stalk; it was ripe the middle of August."

T. H. Burke, Wakeman, O., says: "I will plant no other."

Price, per bushel, express, \$2.00; per peck, express, 60 cents; per quart, postpaid, 35 cents; per package, 10 cents.

More Good Words From Our Friends.

F. A. Stacy, New Ipswich, N. H., writes: "The Cory corn I had of you last year was the best corn I ever had. I received \$12.00 from one quart."

Francis A. Bliss, Jamestown, N. Y., writes: "I think your seeds cannot be excelled; have planted them twenty-nine years."

Enos Benbow, Kennard, Ind., writes: "Have bought seeds of you thirty-two years, and they have given the best of satisfaction. As long as I plant a garden shall use Gregory's seed."

T. H. Burnham, Bloomfield, Conn., writes: "Have used your seed over twenty years, and plant them in full confidence that if the crops fail it is not the fault of the seed."

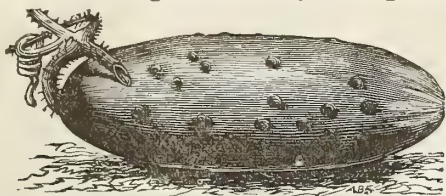
Mrs. I. M. Reed, North Boothbay, Me., writes: "Have purchased seeds of you fifteen years, and always found them reliable."

We are still of the opinion that Nott's Excelsior Peas will take the place of the American Wonder.

CUCUMBER.

NICHOLS' MEDIUM GREEN.

This comes as uniform in shape as Early Russian, though considerably larger than that variety. It is an excellent sort for pickles; and also good for early forcing. Color, dark



green; flesh crisp; very prolific; and always straight, smooth, and handsome. Many of the larger pickle-growers who have tested it pronounce it a decided acquisition. Price, per pound, postpaid, 65 cents; per $\frac{1}{4}$ pound, 20 cents; per ounce, 10 cents; per package, 5 cents.

THORBURN'S EVERBEARING.

Says the introducer: "This entirely new and unique variety is of small size, *very early, enormously productive*, and valuable as a green pickler. The peculiar merit of this novelty is that the vines continue to flower and produce fruit until killed by frost, *whether the ripe cucumbers are picked off or not*, in which it differs from all other sorts in cultivation." Price, per package, 5 cents; per ounce, 10 cents.

Parisian Pickling.

A new French cucumber. It is markedly distinct from all other varieties, the fruit being strikingly long and cylindrical, and densely covered with fine prickles. The flesh is both hard, crisp and tender, what we all greatly desire in our pickles. We find that the vines are fairly productive, the fruit growing on peculiar stems. Price, per ounce, 20 cents; per package, 10 cents.

GIANT PERA.

This cucumber has an elegant symmetry of form, and a clear smoothness of the skin, which make it very attractive to the eye. The flesh is crisp and tender, of excellent flavor, with very few seeds. They have been raised twenty-six inches in length, and to weigh from four to six pounds. Price, per ounce, 10 cents; per package, 5 cents.

TAILBY'S HYBRID.

Mr. Tailby made this choice variety by his skill and perseverance in crossing the Early White Spine on one of the largest of the English frame varieties. In Tailby's Hybrid we have a perfect success in hardiness, as it proves to be equally



hardy with our American varieties. In size it is longer than the White Spine, while it retains all the smoother beauty of its English parentage. Price, per pound, postpaid, 80 cents; per ounce, 10 cents; per package, 5 cents.

BENNETT'S WHITE SPINE. (New.)

This is considered the best cucumber brought into the New York market. We find it to be a fine strain of very pure stock, retaining its glossy green color quite late. It will be found to be a little later than the "Improved White Spine" we catalogue. Price, per pound, postpaid, 85 cents; per $\frac{1}{4}$ pound, 25 cents; per ounce, 10 cents; per package, 5 cents.

THORBURN'S COMMERCIAL PICKLING. (New.)

Mr. Thorburn states that "this is a fine strain of the White Spine type, retaining its dark green color long after pickling. This is corroborated by our tests while growing it on a large scale. Price, per pound, postpaid, \$1.00; per $\frac{1}{4}$ pound, 30 cents; per ounce, 10 cents; per package, 5 cents.



LIVINGSTON'S EVERGREEN.

The New Evergreen is very *hardy* and *evergreen*, withstanding drought, and bearing until frost. One grower says it bears four to one compared with standard sorts. A very strong grower, extra early, and of the best flavor, bearing firm, crisp fruits, either for pickling or slicing.

A celebrated vine-seed grower says: "I believe I never saw cucumbers lie thicker on the ground than the Evergreens did. When the frosts killed the vines it really looked as though the whole surface of the ground was covered."

Mr. Henry C. Pound, Kentucky, writes: "Livingston's Evergreen Cucumber I consider one of the best for slicing, also good for pickling, and a prolific bearer. It was very dry with us last year. I did not have a fair trial, but pronounce it ONE of the BEST cucumbers. It did not seem to stop bearing."

Mr. A. D. McCormick, Ohio, writes: "The Livingston's Evergreen Cucumber was all that could be desired in both yield and quality."

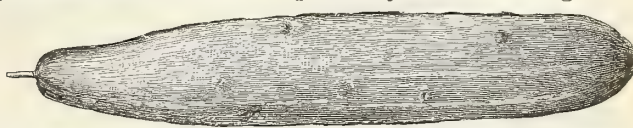
Mr. Jos. E. Sherwood, Connecticut, writes: "I cannot speak too highly of Livingston's Evergreen Cucumber."

Mr. L. L. Blackford, Ohio, writes: "Livingston's Evergreen Cucumber is a good market sort. Will plant more of them next season."

Price, per ounce, 10 cents; per package, 5 cents.

GIANT GERMAN.

As will be seen by the engraving, this is an enormously large and exceedingly handsome cucumber. Some of the specimens attain to the length of 25 inches, weighing eight pounds! The white color is peculiarly clear and strong. For



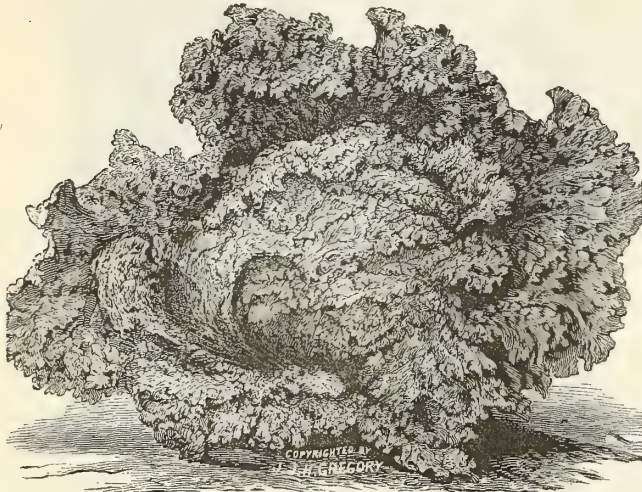
all who desire to raise the handsomest possible variety for exhibition purposes, we know of no sort which can give greater satisfaction than the Giant German. A customer in Georgia writes us that he grew one three feet long. Price, per ounce, 50 cents; per package, 15 cents.

PEARL WHITE EGG PLANT.

This plant is a large, vigorous grower, and comparatively free from thorns. The fruit is pure, creamy white, with slight shading of a very light green near the stem; beautiful in shape, resembling somewhat the purple variety, as large and larger in size and more prolific. In eating quality it is superior, being more delicate, of very fine grain, and well flavored. It makes one of the most palatable dishes, either baked or fried. There is not a garden in the land which would not be improved by this vegetable being represented in its collection. Price, per package, 15 cents.

LETTUCE.

MARBLEHEAD MAMMOTH CABBAGE.



This makes the largest head of all the lettuces we have ever raised, measuring eight inches in diameter across the solid head, or as large as a good Drumhead cabbage. Moreover, the heads were as distinctly defined, and were as closely wrapped together as are found in those of the average of Drumhead cabbage. The entire lettuce was eighteen inches in diameter. The leaves were lightish green in color. It ranks among the second early. In quality it is tender, crisp, and free from bitterness. As this lettuce, coming up to us without a name, stands among its kind as the Marblehead Mammoth Cabbage does among its kind, the very largest heading of all sorts, we have concluded to name it the Marblehead Mammoth Cabbage Lettuce.

Mr. Meggatt, the well-known seed grower, writes us: "Planted in my trial grounds, it proved a splendid summer cabbage lettuce; very large, a hard header, good quality, and very slow to run up to seed. I think it is equal to any cabbage lettuce I ever saw, and very much better than the most of them."

Price, per pound, postpaid, \$1.50; per ounce, 20 cents; per package, 10 cents.

LARGE BOSTON LETTUCE.

This is a new, very large strain of White Tennis-Ball or Boston Lettuce, excelling all other strains in size. The largest of all for forcing. Of great value to the market gardener. Price, per ounce, 25 cents; per package, 5 cents.

SUGAR LOAF.

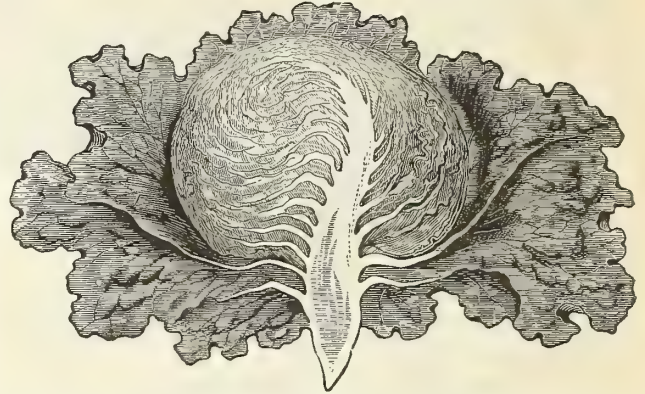


If you want a first-class, all-round family lettuce try this. Its habit of growth is such that while it branches out (growing under good cultivation, to ten or twelve inches in diameter), it also grows thick and high, thus making a large plant with plenty of heart. It is medium green in color, with a fine brown tinge. It is of excellent quality, and

does not quickly run to seed. We recommend it as being among the best of summer lettuces. Price, per pound, \$1.50; per ounce, 15 cents; per package, 5 cents.

THE HANSON.

The most popular lettuce catalogued.



The above cut shows the inside of this superior lettuce, the heads of which grow to a remarkable size, and are sweet, tender and crisp, even to the outer leaves. This variety is free from any bitter taste found in some sorts. It is not recommended for forcing, but for outdoor cultivation it is rarely equalled, if grown on ground well manured and well cultivated. Price, per pound, postpaid, \$1.50; per ounce, 15 cents; per package, 5 cents.

"Your seeds give satisfaction, especially the Hanson Lettuce. I had some heads that weighed three pounds, trimmed." CARLE A. BUSCH.
Monee, Hill County, Ill.

"As to the Hanson Lettuce, you don't half praise it. I raised one plant that measured twenty-five and a half inches in diameter." MRS. LOUISE M. LENNON.
Bloomingdale, N. Y.

LEARNED'S BLACK-SEEDED TENNIS BALL LETTUCE.

This is a variety of the Black-Seeded Tennis-Ball that differs from others in the fact that it has been specially bred by years of selection and cultivation for culture under glass. It is over twice as large as the white variety. It has thus far been grown almost exclusively by the critical market gardeners in the vicinity of Boston. It is especially well worth the attention of all our many market-garden customers. It is claimed that not one plant in a hundred will fail to make a solid head. Excellent both for forcing and outdoor cultivation. Price, per ounce, 50 cents; per package, 10 cents.

DENVER MARKET.

This on our grounds is what the introducer claims it to be, "an early variety of head lettuce, either for forcing or open ground. It forms large, solid heads, of a good light green color, and is very slow to go to seed. The leaves are beautifully marked and blistered (like the Savoy cabbages), are very crisp and tender and of excellent flavor. By these blistered leaves it distinguishes itself from any other kind of lettuce now grown. The shape of the head resembles somewhat the 'Hanson,' but is more oblong." Price, per ounce, 20 cents; per package, 5 cents.



In writing please give your Name,

Post-Office, County and State.

MUSKMELONS.

SILL'S HYBRID.



This has all the earliness and sweetness of the White Japan, but is more spicy and delicious. Very vigorous and productive. The flesh is of salmon color. No garden should be without it. Geo. W. Stetson, Barre, Mass., writes: "Growing your Sill's Hybrid Melon, I find it to be delicious in quality."

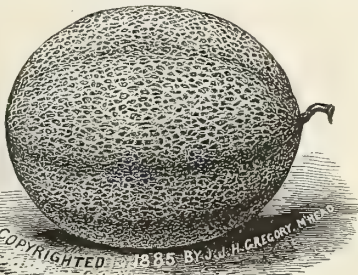
Price per lb., postpaid, 80 cts.; per oz., 10 cts.; per pkg., 5 cts.

BANANA.

This melon surpasses all others in its delicious fragrance. None of the one hundred and seventy varieties of vegetables exhibited by us at the Essex Agricultural Society in the fall of 1883 created a greater interest than the Banana Melon. It is externally of a creamy white or delicate straw color. Just under the outer skin the under one is seen, of a bright green color, while the flesh below (the melon being nearly solid) is of a rich salmon, making a fine and striking contrast when brought to the table. The quality is first-rate when the melons are thoroughly ripe. It grows from eighteen inches to two feet in length, and is very prolific. When ripe it reminds one of a large, overgrown banana, and, what is a singular coincidence, it smells like one, *having a remarkably powerful and delicious fragrance*. Price, per pound, postpaid, 80 cents; per ounce, 10 cents; per package, 5 cents.

THE MILLER CREAM.

This melon, which we were the first to name and catalogue, has deservedly become exceedingly popular, probably more so than any muskmelon now before the public. The best recommendation we can give for this queen of melons is the fact that the marketmen in 1886 bought up all the seed they could procure at \$5 per lb. It is a cross between those two delicious melons, Sill's Hybrid and Casaba, growing rather larger than the former. The flesh is of a rich salmon color, very sweet and melting in quality, and is so very thick that the melon is almost solid, the seed cavity being remarkably small. The rind is thin, slightly sutured, and but little netted.



The vine is a strong grower, and productive. Tested side by side, it was not excelled in productiveness by any of the varieties in our experimental grounds.

Says Mr. Goff, of the New York Ag. Exp. Station: "It is extremely sweet, rich and delicious, and very distinct from any other."

Chas. Purrington, Pequabuck, Conn., writes: "The Miller Cream is, without exception, the *very best* variety I ever raised; many of my friends pronounce it the best they ever ate, and I have a good many friends about the time melons are ripe."

We will advise all our customers who like a *first-class* melon by all means to try the Miller.

Price, per pound, postpaid, 75 cents; per 1/4 pound, 25 cents; per ounce, 10 cents; per package, 5 cents.

GOLDEN NETTED GEM.



A new and most valuable acquisition. On our experimental grounds, side by side with several other sorts, we found it ripened as early as the earliest, and the whole crop considered decidedly the earliest of any of them. Green-fleshed, nearly round in form, very heavy for its size, flavor delicious. It is below the average size,

making it a better variety for family use than for market, but is a tremendous cropper, yielding as many as twenty to a single hill. Price, per ounce, 10 cents; per package, 5 cents.

CHAMPION MARKET.

This new claimant for public favor is said to be quite distinct from other varieties. They weigh from four to five pounds each. The flesh is light green in color, of a rich, sweet favor. It is deeply ribbed and heavily netted. It is about three times the size of the Netted Gem. It has been



sold in markets of New York at \$1.50 per barrel higher than the average of melons. It is said to be very productive. It is an excellent shipper and promises to make a first-class market variety. Whether it will surpass the Miller our patrons must judge. Price, per pound, postpaid, 80 cents; per 1/4 pound, 25 cents; per ounce, 10 cents; per package, 5 cents.

BIRD CANTALOUPE.

Mr. Bird claims for his new cantaloupe melon extreme earliness, large size, fine flavor, and good keeping qualities. The flesh is thick, light green in color, and of fine quality. They have been grown to weigh twenty-two pounds, measuring 34 by 38 1/2 inches.

Mr. B. F. Battles, of Massachusetts, writes: "It is double the size of the Montreal cantaloupe and fully equal to it in flavor."

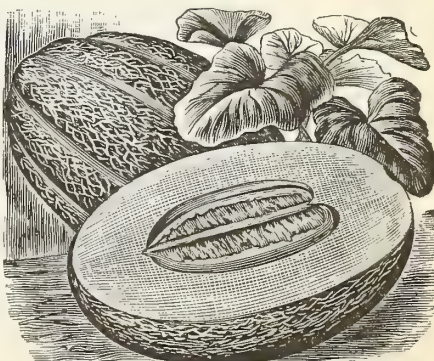
Price, per pound, postpaid, 80 cents; per ounce, 10 cents; per package, 5 cents.

SURPRISE.

This new melon has a thin, cream-colored skin and a thick, salmon-colored flesh. Early, very productive, and of delicious flavor. Externally it resembles White Japan, *but grows to twice the size*. Price, per pound, postpaid, 75 cents; per package, 5 cents.

DELMONICO.

This has a taking name, that of the famous New York caterer, who may be supposed to know what a good melon is. The flesh is of an orange pink color of the same fine quality as the Emerald Gem. Mr. Coy, of Waterloo, Neb., probably the largest melon grower in the world, writes us that Delmonico was the only muskmelon of uniform good quality with him in 1889. Price, per pound, postpaid, 75 cents; per ounce, 10 cents; per package, 5 cents.



MUSKMELONS — Continued.**SIX OAKS CANTALOUPE.**

This is the best of all the varieties of new cantaloupes we tested in 1893. It is not only of the largest size, but the fruits are heavy for their size. We found the specimen from which our engraving was made to be simply delicious. It is green-fleshed, deeply ribbed, well netted, and nearly round in shape. A fine variety to raise either for market or for the family garden. Price, per $\frac{1}{4}$ lb., postpaid, 38c.; per oz., 15c.; per pkg., 10c.

COLUMBUS MUSKMELON.

Seedsmen, in common with the rest of mankind, feel the moral obligation on them of honoring the Great Discoverer, hence we have the Columbus Muskmelon. We much regret that our plants of this variety, taken from our cold frame, failed to root. We must depend on Mr. Livingston for a description of it: of good market size; skin a bright, glossy yellow color when fully ripe, and is nearly hidden by the very thick whitish netting. ITS GREEN FLESH is very deep, leaving only a small seed cavity. THE QUALITY IS ALL THAT CAN BE DESIRED, as will be observed by reading the testimonial below. IT NEVER WAS KNOWN TO BURST OPEN AT EITHER END. From the above considerations we are confident this melon will prove to be a great acquisition.

Mr. Daniel Entire, president of the First National Bank of Oregon, Ill., writes: "I have been supplied with Columbus melons by Mr. Beck for the last two years, and I must say I have never found such melons anywhere. We used them every meal, and they cannot be recommended too highly."

With such an indorsement of its merits we have a right to expect to find an extra good melon in the Columbus. Price, per lb., postpaid, \$1.00; per oz., 15 cts.; per package, 5 cts.

IRONDEQUOIT.

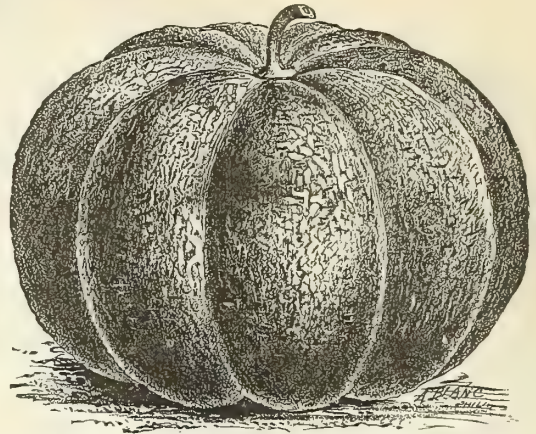
This appears to be an enlarged Miller Cream melon, growing to twelve or fifteen inches in diameter. It appears to have the exquisite, nectar-like flavor of that fine variety and the external characteristics. If it will stand squarely up to what is claimed for it, then it is indeed an acquisition, for the Miller quality of melon, of which we are rather proud to have been the original introducers, is one of the good things we can never have too much of. Price, per lb., postpaid, 80 cents; per ounce 10 cents; per package, 5 cents.

EMERALD GEM.

This new melon is of the Christiana type, small in size, very early; in form it is flat-round. The flesh is of a deep orange color, and very thick, the seed cavity being exceptionally small. They are very sweet and the flavor is delicious, the melons being uniformly good; they are very uniform in appearance. Price, per lb., postpaid, 90c.; per oz., 15c.; per pkg., 5c.

MONTREAL NUTMEG.

This has been raised to weigh over thirty pounds. Exceptionally uniform in shape; netted; flesh green; quality, very good for so large a variety. Price, per oz., 10c.; per pkg., 5c.

**SHUMWAY'S GIANT MUSKMELON (Cantaloupe).**

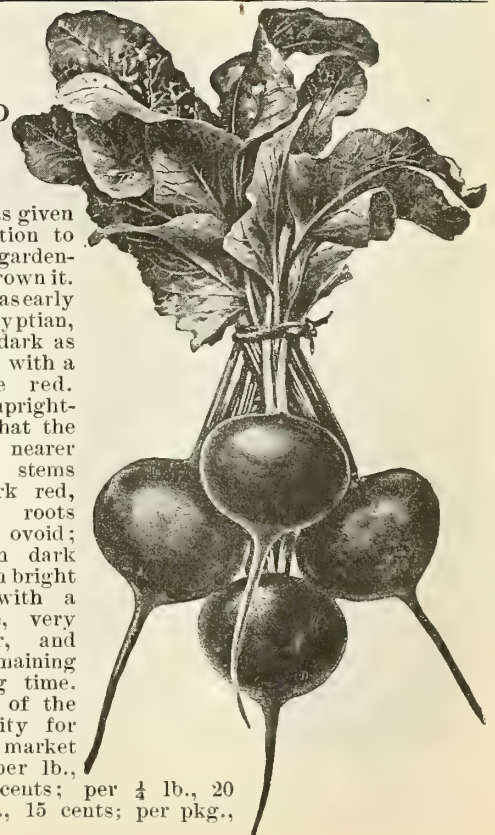
Of the fifteen varieties of cantaloupes grown on our trial grounds in 1893, nearly all of them new sorts, this was the largest of all. It has been raised to weigh over twenty pounds. The color of the skin is a yellowish green; the shape is nearly round, slightly flattened. The flesh is a light salmon in color. Quite thick meated, it suggests in quality a cross between a muskmelon and a cantaloupe. It ripens clear to the skin. This large, showy melon, of excellent quality for so large a variety, would be likely to take well in any market. The variety is prolific and remarkably pure. Price, per 1-4 pound, postpaid, 25 cents; per ounce, 10 cents; per package, 5 cents.

EXTRA EARLY HACKENSACK.

This was obtained by selection from the Hackensack, and is several days earlier. Thorough trial has proven it to be one of the best and earliest of the netted varieties. Price, per lb., postpaid, \$1.00; per $\frac{1}{4}$ lb., 30c.; per oz., 15c.; per pkg., 5c.

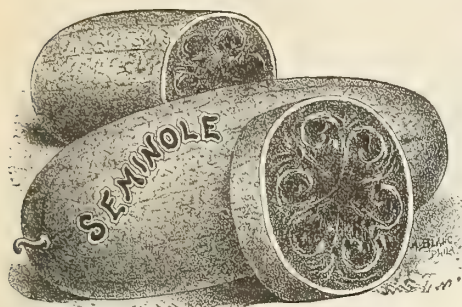
**DETROIT
DARK RED
BEET.**

This beet has given great satisfaction to those market gardeners who have grown it. We find it to be as early as Crosby's Egyptian, with flesh as dark as the Edmands, with a more intense red. Tops small, upright-growing, so that the rows may be nearer together, leaf stems and veins dark red, blade green; roots globular or ovoid; color of skin dark blood red, flesh bright red, zoned with a lighter shade, very crisp, tender, and sweet, and remaining so for a long time. An early beet of the finest quality for either home or market use. Price, per lb., postpaid, 70 cents; per $\frac{1}{4}$ lb., 20 cents; per oz., 15 cents; per pkg., 10 cents.



WATERMELONS.

SEMINOLE.



large, enormously productive, and of most delicious flavor. Personally, we have not had an opportunity to test it, but the testimonials, from which we select three or four, from Monticello, Fla., indorse it very highly:—

"I pronounce your Seminole a perfect melon in every respect."

R. C. PARKHILL, Clerk County Court.

"Have never tasted a finer melon than your Seminole."

J. S. DENHAM, Mayor.

"I have never before seen so large a melon of such delicious flavor as your Seminole."

T. M. PULESTON, County Judge.

"I think your Seminole is far superior to all other varieties you grow."

D. S. BIRD, Sheriff.

Price, per pound, postpaid, 60 cents; per $\frac{1}{4}$ pound, 18 cents; per ounce, 10 cents; per package, 5 cents.

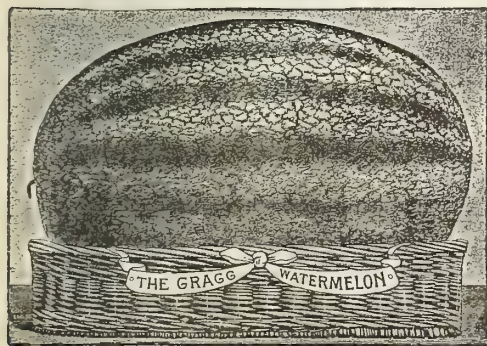
GREEN AND GOLD.

When this was put on the market we believed it to be the same as the Golden Fleshed, which we introduced several years ago; but, on trying it on our own ground, we find it entirely distinct. The color just below the skin is of the richest golden-orange. In sweetness and flavor it is simply delicious, certainly not surpassed by any red-fleshed variety we have ever eaten. This melon grows to weigh from twenty to forty pounds, and ranks among the very earliest. Its rich golden color will make it most desirable as an ornament for the table, especially if arranged in contrast with the common sorts. It is, unquestionably, an acquisition. Price, per pound, postpaid, 70c.; per $\frac{1}{4}$ pound, 20c.; per ounce, 10c.; per pkg., 5c.

RUBY GOLD.

These vary in external color, part being light striped and part dark, and there is also some varying in the color of the flesh, but all are exceedingly elegant, being mostly an admixture of the two colors, ruby and gold, which has a rare ornamental effect. They grow to a good size and are very sweet and of excellent quality. Price, per ounce, 10c.; per pkg., 5c.

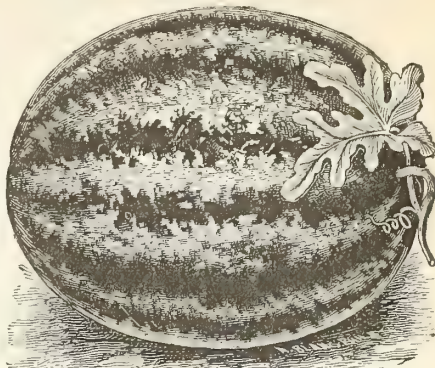
THE NEW GRAGG.



A new and very distinct variety in both inside and outside appearance. Color dark green with alternate stripes of lighter green, the whole being covered with a delicate tracery of dark veins. The flesh is of a delicate salmon tint, which

makes it exceedingly handsome and tempting. Flesh sweet, juicy, and melting, with a rich flavor peculiar to itself. Wherever grown it has called forth the highest praise for its new and distinct appearance, its earliness, its hardness, and great productiveness. Large, oblong, just about the right size for marketing. Several weeks earlier than Ice Cream. Price, per pound, postpaid, 90 cts.; per ounce, 10 cts.; per package, 5 cts.

KOLB'S GEM.



This is largely grown in the South for shipping to Northern markets, and has proved to be one of the best shipping melons known, as it has a very tough skin and will stand transportation better than most kinds. The flesh is of a bright red color, and it ranks high for flavor. It is round in shape, striped with light green and grows to weigh from twenty-five to fifty pounds. Price, per pound, postpaid, 60c.; per ounce, 10c.; per package, 5c.

DARK ICING.

One of the best of all melons, possessing a delicious flavor. There are two varieties,—a light and a dark skinned,—differing in color only. Price, per lb., postpaid, 75c.; per pkg., 5c.

VICK'S EARLY.

Of medium size, oblong and smooth; flesh, bright pink (resembling closely the Southern varieties), solid and sweet. We consider this one of the best of early watermelons. Price, per pound, postpaid, 65c.; per ounce, 10c.; per package, 5c.

Florida Favorite.

Mr. Girardeau, of Florida, who originated this new variety, thus describes it: "In shape it is oblong; in coloring, green and white stripes blended; flesh, light crimson, crisp, and deliciously sweet, ripening ten days earlier than Rattlesnake, Kolb Gem, and Iron-clad, all having been planted at the same time." He considers it the finest table melon extant. Seeds rather small and of a creamy white color. Price, per pound, postpaid, 70 cents; per ounce, 10 cents; per package, 5 cents.

RED-SEEDED VAUCLUSE.

The bright red seed of this melon, in contrast with its brilliant red flesh, gives it a beautiful appearance on the table. It grows to a fair market size, is early, and a good shipper. Color of skin dark green, threaded with a still darker green. Price, per pound, postpaid, 80 cents; per ounce, 10 cents; per package, 5 cents.

DIXIE.

A new Southern variety, which is said to surpass the famous Kolb's Gem as a shipper, and to be unexcelled in quality and productiveness; highly recommended by various growers for hardness, quality, and productiveness. One realized \$200 per



acre; another got \$30 to \$40 per hundred; a third declares it the best in his thirty years of experience; a fourth counted a dozen ripe to a hill, and a fifth took first premium at the Illinois fair. Price, per pound, postpaid, 80 cents; per ounce, 10 cents; per package, 5 cents.

SUPERIOR ONION SEED.

(See Prices on Page 46.)

As a rule red onions are of superior table quality.

For full directions for raising onions, see our treatise on onion growing—sent to any address for 30 cents

PEDIGREE ONION SEED.

We still continue to raise our pedigree strain of onion seed of the various kinds, by which we mean seed grown from most carefully selected, hand-picked onions. We send the men over the beds after the onions are pulled, raked in winrows, and dry enough to house, on their hands and knees to select out the driest and therefore the earliest, the thickest, hardest, and best-shaped onions, all to be of good market size. We thus get the very cream of the crop, and from these raise our seed. We have a right to claim that seed raised from such onions is decidedly superior to the great mass of seed to be found in the market, which we know is raised either from very small, refuse onions, or large, coarse ones, or from such onions as the seed grower chances to have on hand—either of which tends to produce an inferior stock of seed. No experienced market gardener would plant such seed, even were it given to him. We would invite any onion planter to visit our seed farms, at Howes' Station, Mass., and examine our seed onions, and we shall be much mistaken if we cannot show him by the thousand bushels the handsomest lot of seed onions to be found on any seed farm in the United States.

An observing, intelligent farmer claimed that earliness, reliability for bottoming, smallness of neck, can be as thoroughly inbred in an onion as capacity to transmit her good qualities can be inbred in a cow or in any class of animals. What is

possible to attain to in this matter our customers find in our onion seed, as shown in the extracts from letters given below.

An axiom that every onion grower soon learns: "*Cheap onion seed is always dear.*"

Mr. Ettori Tassinari, head gardener to Danvers Lunatic Hospital, writes us: "I have the pleasure of telling you that specimens of Danvers Onions raised from your seed took the first prize at the annual fair of the State Horticultural Society. From the piece planted to your seed, 1½ acres, I raised 1,434 bushels, both onions and land having been accurately measured. I have been well pleased with all the varieties of seed I had from you, drawing prizes and gratuities from a number of varieties exhibited."

R. N. Howe, Golden, Ia., writes: "I stated in my order that I intended to beat Del. Co. on onions raised from your seed, and I fully succeeded. I raised at the rate of eight hundred bushels per acre, and but for excessive dry weather would have reached one thousand."

Jas. C. Young, Newmarket, N. H., writes: "I sowed one half-pound of your Yellow Danvers onion seed on one sixteenth of an acre of measured land and raised sixty-one and one fourth bushels of as fine onions as I ever saw."

Levi Boardman, Sheffield, Mass., writes: "I raised 225 bushels of Early Red Globe Danvers Onions on one fourth of an acre last season. The seed came from your house."

H. B. Smith, Marion, N. Y., writes: "From the seed you sent me last year I raised the finest crop of onions ever raised in this section, over 600 bushels of marketable onions from 4 pounds of seed."

Peck Bros., West Cheshire, Conn., write: "Your onion seed is of the highest quality and gives perfect satisfaction. We raised the finest onions that were ever taken into Waterbury market."

C. G. Marsh, Belden, N. Y., writes: "Pedigree onion seed for me every time. Please do not substitute."

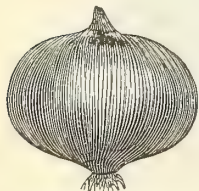
EGYPTIAN, OR PERENNIAL TREE ONIONS.



When once set out, without the slightest winter protection, these will come up year after year, as soon as frosts break ground, and grow so rapidly that it is ready for market or home use two or three weeks before any of them. The bulbs are not round, but irregular, just like those we get called "rare-ripes" by setting out old onions in

the spring, and are larger the second year. For family use it is unsurpassed for sweetness and tenderness. The young sets grow on top of the stalks, like tree onions. These should be planted in the fall. They will be sent out in August or September, as soon as ripened. Price, per quart, postpaid, 42 cents; per express, 30 cents; per package, 10 cents; per peck, per express, \$1.25; per bushel, per express, \$4.00.

EARLY RED GLOBE DANVERS.



This variety, though it has had the name "Globe" given it, is a thick, flat, rather than round onion. There are several kinds of Early Red Globe Onion seed before the public; but in our trial grounds we have found no one of them equal in bottoming, earliness, and cropping qualities to our Early Red Globe Danvers. This onion is not as well known as it ought

to be; it ripens two weeks earlier than Red Wethersfield. Scallions are almost unknown when grown from carefully selected seed stock, it being as reliable for bottoming well as Winnigstadt cabbage is to make a head. Price, per pound, postpaid, \$2.25; per ounce, 25 cents; per package, 10 cents.

EARLY ROUND YELLOW DANVERS.

We have by careful selection increased the roundness of our Danvers Round Yellow during the past three years, until it now equals the ordinary Globe variety. It is now a fine large, thick onion, with that symmetry of form and small neck only found in seed raised from the most carefully selected strains.



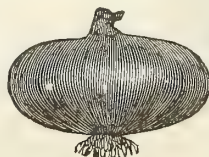
The Danvers Onion excels in earliness, and commands, usually, a readier sale and higher price than the red sorts. By years of careful selection it has been improved, and is one of the handsomest of onions. It does best on a gravelly loam, making harder and brighter colored bulbs than on heavy, dark, or mucky soil, besides keeping better.

If to be raised on muck, the land should first receive two hundred loads per acre of gritty soil. If the land is in onions for the first time, plant half a pound of seed extra. Price, per pound, postpaid, \$3.00; per ounce, 30 cts.; per pkg., 10 cts.

PRIZE TAKER.

This is one of the best of the huge foreign varieties, that will at the North give more or less of large onions, of more value to look at and draw the eye of the crowd at the annual fair than to be depended on for real, practical use, but they appear to be better suited for the Middle and Southern States, as the yearly percentage of increase of sales in these sections plainly shows. They bottom well, are free from stiff necks, and when offered for sale always attract marked attention, as the variety is without doubt the largest onion grown, samples under special culture often weighing five pounds. We offer this season American-grown seeds of the variety. Price, per pound, postpaid, \$3.00; per ¼ pound, 98 cents; per ounce, 30 cents; per package, 10 cents.

LARGE RED.

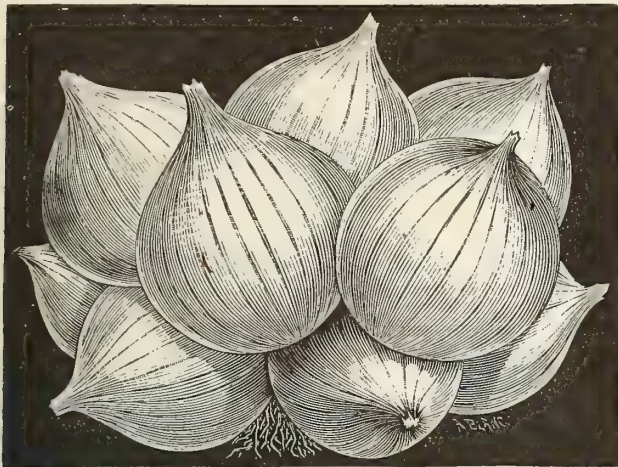


This is the famous old stand-by, which perhaps is more extensively raised than any other sort. It is hardy, later than Danvers, and has not been bred to make as handsome an onion. The Reds are sweeter onions to eat than the yellow sorts, but do not look so inviting when cooked. In the Northern markets they do not sell as readily as the Danvers. Price, per pound, postpaid, \$1.58; per ounce, 20 cents; per package, 5 cents.

SUPERIOR ONION SEED — Continued.

WHITE MULTIPLIER ONION SETS.

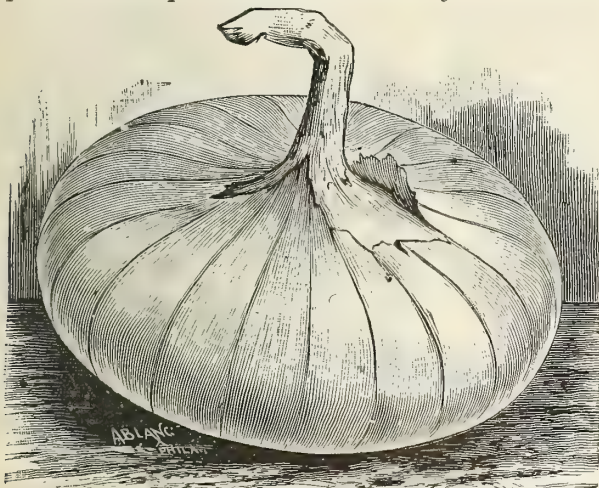
This new extra early and extra hardy onion is of pure silvery-white color, enormously productive, sometimes producing as many as twenty bulbs in a single cluster; of excellent quality and size for bunching green, or can be ripened for use as a pickling onion. Its keeping qualities are remarkable,



having kept perfectly sound for a year. The largest of the sets, if allowed to grow through the summer, make an onion of fair size, which divides when ripening in the fall, multiplying liberally for another year. For earliest Northern shipment from the South it is a profitable crop. Price, per peck, express, at purchaser's expense, \$2.00; per quart, postpaid, 52 cts.

LARGE FLAT WHITE ITALIAN.

We have always hesitated to recommend to our customers the large varieties of foreign onions over which some of our fellow-seedsmen use such big adjectives, simply because in our numerous tests of them, made every season, we find that most of them are very coarse and tend largely to run to scallions, while others that bottom pretty well evidently need to be planted as sets to attain to any great size. This season we find in a special strain of Large Flat White Italian a decided acquisition of real practical value to the onion grower. There is



no coarse, "six-pound" nonsense about it; but our customers will find it to be an extra large, extra early white onion, that bottoms down well and is nearly entirely free from scallions. It is as early as the Danvers, and we do not see why it may not replace the Portugal and all the early white sorts as an early onion for bunching. Like all the other large onions, it is not as good a keeper as the average varieties, such as Danvers and Large Red. Its sphere is as a fall onion. For this purpose it is decidedly an acquisition. Price, per pound, postpaid, \$2.00; per 1/4 pound, 58 cts.; per ounce, 25 cts.; per pkg., 5 cts.

A NEW ONION.

SOUTHPORT EARLY RED GLOBE.

After spending thirty years in testing every new variety of onion, we thought we knew all of our American sorts to perfection, but four seasons ago we encountered a surprise, a globular red onion, in shape like the round Southport, but instead of being late, like that variety, *this proves to be as early as the Danvers or Early Red Globe*. Every onion raiser admires the Southport strains of onions, which always bring an extra price in the market, but the defect with them is they are too late to be relied upon to ripen north of Southern

New England. Now here comes a new variety which is so early that it can be planted with safety wherever the Danvers will mature. This new onion, which we catalogue as Southport Early Red Globe, differs from our standard Early Red Globe in being much rounder. Hardly as good a keeper as the Red Globe, it is excellent for fall and early winter use.

Frank P. Merrill, North Stonington, Conn., writes: "I sold all of my Southport Early Red Globe onions before the Large Red were ready for market. Seed purchased of you."

Ross Bros., Montrose, Colo., write: "We find your Southport Early Red Globe ripens better with us than the Danvers."

Mr. Little, of Newbury, an old onion raiser, is enthusiastic in its praise. He tells us that he never raised a red variety that would compare with it; it was a capital cropper, remarkably early, and bottomed first rate, and made a very handsome onion.

Price, per pound, postpaid, \$2.25; per ounce, 20 cents, per package, 5 cents.



WHITE BARLETTA.



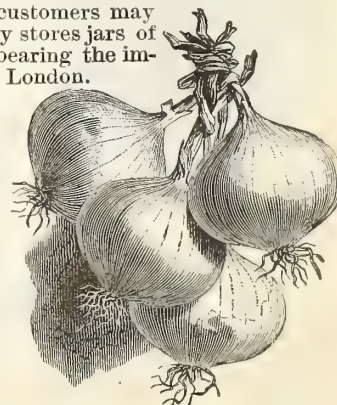
The earliest of all varieties of the onion family. The distinguishing quality of this variety is its great earliness, as also its beautiful white nacreous color. Earlier than the White Queen, it is about 1 1/4 inches in diameter, and 3/4 inch thick, with a flat top and a prominent base. Its earliness cannot fail to make it a favorite in every garden. Bulbs raised from the seed sown will mature just about as early as those raised from sets. Price, per pound, postpaid, \$2.50; per ounce, 25 cents; per package, 5 cents.

WHITE DUTCH EARLY ROUND HARD PICKLING.

Perchance many of our customers may have noticed at their country stores jars of small round pickled onions bearing the imprint of Crosse & Blackwell, London.

These were the White Dutch, the beau-ideal of a pickling onion, small, round, hard and white, surpassing every other variety for this purpose. *It is the only one used in the immense pickle factories of England and France.*

For pickles you need to plant thickly, at the rate of 30 pounds per acre, to produce the small pickling size. Price, per pound, postpaid, \$2.00; per ounce, 25 cents; per package 5 cents.



The farmer who plants Golden Champion Pole Beans will invite his neighbors to see the crop.

SUPERIOR ONION SEED — Continued.

**THE EARLY CRACKER.**

Is the earliest of all our yellow sorts, of superior quality, and, like the Early Flat Red, is an excellent kind to raise where the seasons are short. Price, per pound, postpaid, \$2.50; per ounce, 25 cents; per package, 10 cents.

SOUTHPORT WHITE GLOBE.

As white and handsome as a newly made snowball; sells at a higher price than other sorts. Too late to grow safely north of Massachusetts. To get a very white onion, pull just as they begin to go down, and dry in an airy and shady place. Price, per lb., postpaid, \$3.50; per oz., 35 cts.; per pkg., 10 cts.

SOUTHPORT LATE RED GLOBE.

Very popular in the markets of New York; it measures better and sells at a higher price than Red Wethersfield. It is late, and we do not recommend it for farmers who live north of Southern Connecticut. Let such try our new variety, the Early Southport Red; for description see page 25. Price, per pound, postpaid, \$2.00; per ounce, 20 cts.; per pkg., 5 cts.

PRICES OF ONION SEED.

(See also page 46.)

We offer onion seed this year at the following rates: —

	Per lb.
Early Round Yellow Danvers (our own raising).....	\$2.92
Early Round Yellow Danvers (our own raising), 10 to 25 lbs.	2.67
Early Red Globe Danvers (all our own raising).....	2.17
Early Red Globe Danvers (all our own raising), 10 to 25 lbs.	1.92
Early Yellow Cracker.....	2.42
Early Flat Red.....	2.42
Southport Late Red Globe.....	1.92
Southport White Globe.....	3.42
Southport Early Red Globe (our own raising).....	2.17
Southport Early Red Globe (our own raising), 10 to 25 lbs.	1.92
Wethersfield Large Red.....	1.50

The above quotations are per express or freight at purchaser's expense. If ordered by mail, remit 8c. per lb. for postage. No discount allowed on these rates.

Start your slide hoes as soon as the onions can be seen breaking ground; if you wait to find the weeds the weeds will find you.

There is but little difference between cheap seeds and cheat seeds.

HONEST SAGE AND MUSTARD.

My wife for years has not been able to find in the market the good old-fashioned sage, with its good green color and strong sage flavor. What she finds is a dirty-colored article, with scarcely any strength to it, and when for this reason an increased quantity is used, it gives a bitter taste to the dressing. We have recently found a young man who is putting up sage in the good old-fashioned way, using the leaves without the coarse stems, and drying and grinding these by a more laborious process; but by it he is enabled to retain the good green color, and, what is more important, the strong sage flavor. He is also putting up ground mustard in the same honest way, giving a thoroughly pure article of full strength, whereas that in the market is generally adulterated with Indian-meal or horse-radish, with some coloring substance added. He puts up his mustard and sage in tin boxes. The mustard weighs four ounces without the box. We can send these to such of our customers as want a pure article, at 12 cents a box for the sage, and 18 cents for the mustard, postpaid by us; or for 10 and 14 cents respectively, when either by express or freight, and 2 cents less per box of each, either way, where a dozen of each is taken.

When he gathered his crop, Neighbor Jones found that he had made a mistake in accepting bad seeds as a gift.

Smith said that fertilizers are nothing but stimulants, yet he acknowledges that they fattened Brown's crops.

PEPPER.**NEW CARDINAL.**

This new pepper grows to a length of about six inches, very thick and sweet-fleshed and is one of the most beautiful and brilliant vegetables grown. It would be worthy of cultivation for its beauty alone, there being no flower which can be grown in the North which surpasses it in depth, purity and brilliancy of color, appearing as though varnished in a bright cardinal. It will also be found a most useful variety, as it can be used for all purposes to which peppers are put. Price, per oz., 30c.; per pkg., 10c.

**RUBY KING.**

These peppers ordinarily grow four and a half to six inches long by three and a half to four inches broad. When ripe they are of a beautiful bright ruby-red color, and are always remarkably mild and pleasant to the taste. Very handsome and very productive. They need to be started in a hot-bed. Price, per oz., 30 cts.; per pkg., 10 cts.



Everybody must allow that barn manure is good in its place, but practice teaches us that fertilizers have their place also.

Farmer A made a failure of farming; Farmer B succeeded; about all the difference between the two was one cord of manure to the acre.

Please send Your Orders Early...



PEAS.

The Marblehead Early Marrowfat.

We will venture to say that every one of our customers who raised this Marrowfat pea last season had a heavier crop from it than from any other variety they grew, it matters not how many kinds there were; and, further, that they got more pickings from it than from any other. This was our own experience. Having raised it on a large scale, we are ready to indorse the points made by the farmer from whose hand we received it. He writes:—

"1. With ordinary cultivation it will outyield any variety. 2. It will do better than any variety on thin land. 3. It remains a long time in bearing. 4. Its large well-filled pods make it very valuable as a market gardener's pea. 5. The quality is first-class; so I who have eaten it testify. Picked early, they are as sweet and delicious as Little Gem or American Wonder. 6. It is an extra strong grower. 7. It will stand drought better than any other variety."

The well-known editor of the *Rural New-Yorker*, Mr. Carman, who is one of the most extensive experimenters with

new varieties, makes the statement: "Pods large, often containing eight peas. Vines immensely strong; remains in bearing a long time. Comes in after the earliest. First picking July 1; a fine kind." Pea growers will please note that while our old-fashioned Marrowfat has been among our latest peas, this new variety, in addition to its other excellent traits, follows *close after the earliest sorts*. Price, per peck, per express or freight, \$1.75; per quart, postpaid, 50c.; per package, 10c.

TELEPHONE.

A tall, wrinkled marrow, of the best quality, a strong grower, and very productive. The pods are of the largest size, and contain from six to seven large peas. The rich, dark green color of the pods makes this pea *sell well* in the market; hence it has become very popular with farmers and gardeners. This and the Stratagem, with its large pods, will grow more or less small ones. Price, per quart, postpaid, 45 cents; per package, 10 cents.

HANCOCK.

Many of our fellow-seedsmen send out an extra early pea bearing their own name; though, as has been shown at some of our experimental stations, there is no difference between the various kinds in earliness, yield, or any essential characteristic of a first-class early pea. Still, there is a good argument for this, for all very early peas tend to deteriorate, and those seedsmen sending out one bearing their own name are, therefore, compelled to look closely after it, and keep it true, by which the public are decidedly the gainers. Were we to "follow suit," we should select either the Hancock or Bergen Fleetwing as the extra early.

Messrs. Northrup, Braslan & Goodwin, the seedsmen, write us as follows: "We had in our trial grounds nearly forty samples of extra early varieties of peas, as supplied by the leading seed-houses of America and Europe. Among these the Hancock was noticeable as to earliness, size of pod, and productiveness."

Price, per peck, per exp., \$1.50; per quart, postpaid, 40 cts.; per package, 10 cts.

Bliss's Abundance.

A new wrinkled variety, about a week later than the American Wonder, bearing large, well-filled pods, containing about seven peas each. Plant grows to from fifteen to twenty inches in height. Excellent quality and very productive; branching habit. Price, per quart, postpaid, 40 cts.; per package, 10 cts.

KING OF THE DWARFS.

We find that this variety grows a little taller than Little Gem, and that it is a day or two earlier. It is a very sweet, wrinkled pea, a vigorous grower, and great bearer. Pods of average size. Price, per qt., postpaid, 50c.; per package, 10c.

NOTT'S EXCELSIOR.

The most valuable of all the Wrinkled Dwarf Peas.

THIS HAS COME TO STAY.

As early as the American Wonder, while the pods are larger, fully as well filled, and there are more of them. The cut represents just about the comparative size of the pods of American Wonder and the Excelsior. Were we to follow the fashion of the day, we might make one as large again as the other, but there has been altogether too much humbug along this line; we propose to give facts only. It grows half taller than the American Wonder, and is a much heavier cropper. Our farmer friends should be sure to give this new pea a careful trial, for we feel sure that it has come to stay as the standard early dwarf wrinkled pea.

In a comparison made on our own grounds between the American Wonder and Excelsior, we found that under the same conditions the Excelsior yielded one quarter more, in shelled peas one fifth more, and in weight of peas one third more.

The *Rural New-Yorker* says that while the Little Gem surpasses the American Wonder in productiveness, the Excelsior is "far more productive than the Little Gem"; that the pods are larger than those of Premium Gem, the Excelsior being "within a day or two as early as the first early smooth pea."

William Monroe, of Beverly, Mass., one of the best of gardeners, writes: "Growing side by side at Gregory & Son's experimental grounds were Nott's Excelsior and American Wonder peas, and while the former were just as early as the latter, the Excelsior was far ahead in the size and number of pods. I ordered a supply for next year on the spot."

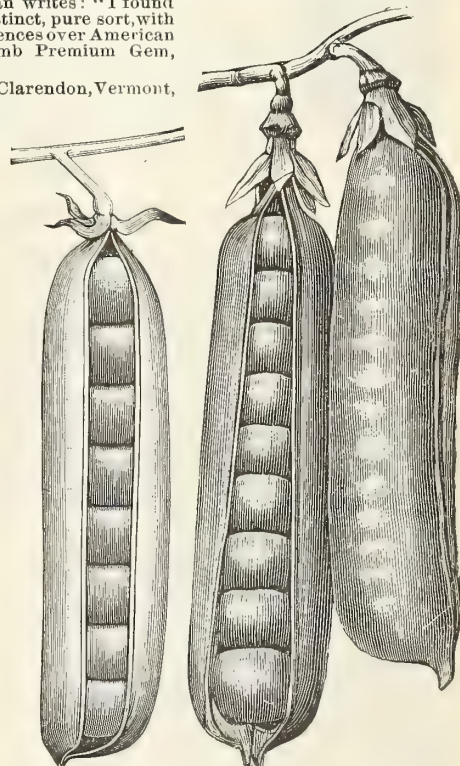
Mr. Geo. Buchanan writes: "I found these peas a very distinct, pure sort, with many marked excellences over American Wonder, Tom Thumb Premium Gem, Advancer, etc."

D. C. Hicks, No. Clarendon, Vermont, writes: "The Nott's Excelsior is a fine pea, and must eventually take the place of the American Wonder, which it outranks at all points."

An extensive market gardener writes: "They are certainly the earliest wrinkled pea I have ever raised, and I have tried nearly all the different kinds. They are a very distinct variety, early, hardy, productive, and of extra fine quality."

We believe that, where sufficient stock can be obtained, *within five years the Excelsior will take the place now occupied by the American Wonder*. Being every way a better pea, why should it not?

Price, per qt., postpaid, 80 cts.; per package, 10 cts.



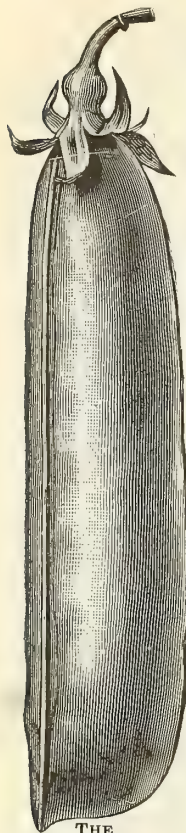
AMERICAN WONDER.

NOTT'S EXCELSIOR.

AMERICAN WONDER.

This American pea is now so well known it hardly needs to be described. It is of fine flavor, productive, and as early as the earliest of the very dwarf wrinkled varieties. Fifteen pods have been counted on some vines, and nine large peas in some of the pods. The vine grows from six to twelve inches high, according to the soil and season. The rows need not be more than two feet apart. Price, per bushel, \$6.50; per quart, postpaid, 60 cents; per package, 10 cents.

PEAS—Continued.

THE
HEROINE PEA.

THE HEROINE.

Our English cousins have sent us another fine pea under the above name. It is one of the large podded, large pea class, with the great advantage over most of them in the fact that its type is fixed and it has not the sporting proclivities of some well-known sorts that would otherwise be very desirable. It is medium early, green, wrinkled, growing about 2½ feet high. The pods are of large size, long and pointed, containing from six to nine large peas. Quality the very best. Mr. Charles E. Pecker, one of our best market gardeners, writes: "I find the type of the Heroine pea to be thoroughly fixed. It is a fine pea for the most critical market gardener." Price, per quart, postpaid, 65 cents; per package, 10 cents.

THE DELICIOUS.

In quality the "Delicious" belongs at the head of the list. It requires thicker planting than most sorts, and should not be put in the ground as early as the hard peas by ten days. The true strain will always show a per cent of a smaller variety in the blood of it.

Mr. P. A. Johnson, Tioga County, N. Y., writes: "As to sweetness and richness, they are far ahead of any pea I ever saw. If I could not get an additional supply, I would not take ten dollars a quart for them."

Write Messrs. Northrup, Braslan & Co., seedsmen, of Minneapolis: "It is of very robust habit, the peas of large size and of very superior flavor, and the pods well filled."

Writes W. H. Grenell, of Adams County, who raises thousands of bushels of many varieties for seed purposes: "I think this pea something extra; it is very sweet, and of fine flavor."

Price, per qt., by mail, 40c.; per pkg. 10c.

BERGEN FLEETWING.

We have raised this new extra early variety on a large scale and are exceedingly pleased with it. The head picker says: "The Fleetwing yielded better than any of the early hard peas, including the Alaska and First of All." We have raised these at the rate of 225 bushels to the acre. It is deservedly a great favorite with the market gardeners of Long Island.

Pods and peas of good size; vines two and a half feet.

A. G. Case, Simsbury, Conn., writes: "The Bergen Fleetwing peas yielded enormously."

The Paragon.

This is a first-class late pea. Vinethree feet in height; pods above the average in size and well filled, being in this respect decidedly superior to Hair's Mammoth and other late sorts. C. E. Allen, the well-known horticulturist of Floral Park, N. Y., writes: "The Paragon yielded three times as many pods as the Champion of England, with peas of larger size and much better quality." Price, per qt., postpaid, 60c.; per pkg., 10c.



NEW PEA JUNO.

We grew a sample of this new pea in our experimental grounds the past season. We were exceedingly well pleased with it. The pods are remarkably large, long, straight, thick through, and well filled. The color of the peas is that very dark green which is so desirable. Seven or more great peas in a pod. The vines are short jointed, large leaved and stalky, and from eighteen inches to ten feet in height. It crops heavily; quality delicious. It is an excellent cropper and every way desirable. Medium early. A first-class pea to follow the early sorts. We consider the Juno the best pea of its class yet introduced. Price, per qt., postpaid, 65c.; per pkg., 15c.

DWARF CHAMPION.

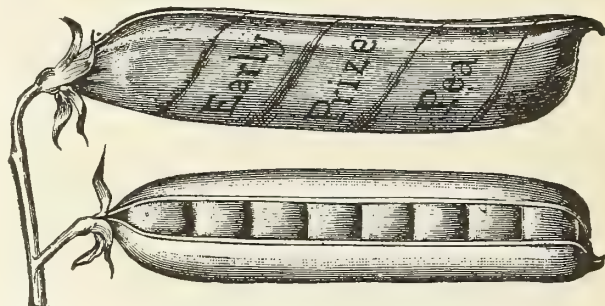
First class as a variety to follow the Advancer; very healthy and vigorous. This is another favorite with the market gardeners of Long Island, where it is sometimes sown August 1, as a second crop, being less liable to mildew than other sorts. Pods and peas large, quality very sweet and rich. Price, per quart, postpaid, 45 cents; per package, 10 cents.

THE SUNOL.

Mr. J. H. Allan, who has originated more varieties of new peas than any seed grower on this side of the Atlantic Ocean, sends this new-comer out as his latest improvement in the early market garden sorts. He claims that it is the earliest of all to mature, and is decidedly the most profitable to raise of all the early varieties. Price, per bushel, per express, \$5.00; per peck, \$1.50; per qt., postpaid, 40 cts.; per pkg., 10 cts.

NEW EARLY PRIZE.

A cross between Tom Thumb and the Advancer. Grows eighteen inches high, being slightly taller than Premium Gem, and, while equally early, it is decidedly a better cropper than either that or Tom Thumb. Pod large, heavy and well



filled; also equal to the wrinkled varieties in sweetness and flavor; it can be planted earlier than these without danger of rotting. Its combination of earliness, dwarf growth, yield, and quality, with the large size and good filling of the pod, insures its future.

Writes Mr. O. H. Alexander, the well-known pea-grower of Vermont: "Having tested Early Prize by the side of eighty varieties from all parts of the country, I consider it in all respects one of the best varieties."

Price, per bushel, per express or freight, \$5.00; per peck, \$1.50; per quart, per express, 25 cents; per quart, postpaid, 40 cents; per package, 10 cents.

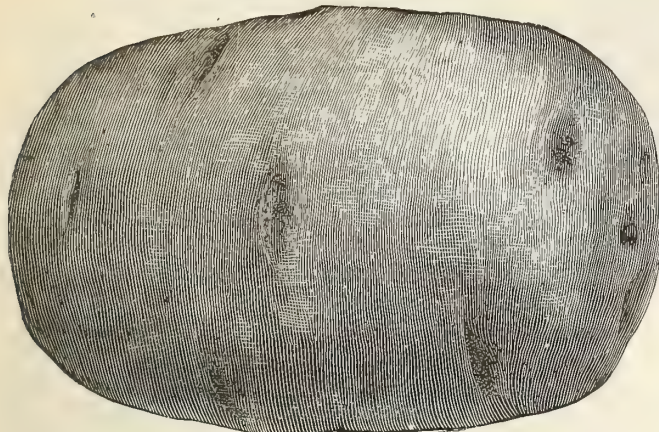
Hosford's Market Garden.

Of this pea, in our note-book, made a few seasons ago in our experimental garden, in which we test all new things, comparing them with standard sorts, we find the following entry: "A tremendous cropper, excelling, with a single exception, every one of the forty-five varieties on trial; pods as long as Advancer, and as well filled. It grows nearly as tall as Advancer, but is a better cropper." At the Ohio experimental station, the number of pods were considerably more than double the average of the twenty-eight varieties with which it was tested. We find that it leads, in bushels of green peas, any of the medium early sorts. The seeds should be planted from three to five inches apart in the drill. Price, per bushel, per express, \$4.50; per peck, \$1.50; per quart, postpaid, 40c.; per package, 10c.

POTATOES.

THE DELAWARE.

A Valuable New Potato.



Our customers had all better try this excellent potato, for we are sure they will like it. The average form is shown in the engraving; it is medium early; in size it is large, being above the average; the skin and flesh are white; in yield it is a remarkable cropper, while in quality it is first-rate, being dry and mealy.

J. Vasey, Jacksonville, Ill., writes: "I have tried scores of new varieties of potatoes, but find the Delaware to be the best ever introduced."

Writes Mr. H. O. McFadden, of Pittsburg: "Among the eight hundred varieties I tested in 1889, I must say your Delaware was a wonder. From only two ounces of seed I got sixty-one and one half pounds of marketable potatoes, I would recommend everybody who wants a choice potato to send for the Delaware."

Writes P. Cadeau, of Washington Territory: "The one pound of Delaware potatoes were not planted in the best soil, but they yielded one hundred and twenty pounds, all very nice and large."

J. R. Jester, Brown's Canon, Colo., writes: "From three pounds of your Delaware Potatoes I got four hundred and seventy-five pounds of very large and smooth potatoes."

Writes F. M. Hexamer, of the *American Agriculturist*, who tested them in the spring: "I have found them very fine grained, and of a pure, delicate flavor rarely found in old potatoes."

Says Mr. Thomas Sawyer, an old farmer of Boxford, Mass.: "In all my life I never ate in the spring such nice potatoes as the Delaware."

POLARIS.

This new Vermont seedling we can highly recommend for earliness and quality. They are rather oblong in shape with surface a little flattened, having few eyes, and those on the surface. Grain fine and flavor excellent. Though white skinned, it is a chance sport from the Early Rose, not a seedling from it.

Wellington Pierce, New Richmond, Wis., writes: "The Polaris Potato I had from you proves to be very early, a great cropper, very smooth, large size, without a sign of rot, and of excellent quality."

Writes Mr. A. H. Smith, of Waterbury: "The Polaris I planted by the side of State of Maine, Pearl of Savoy, and Beauty of Hebron. The Polaris was the earliest, yielded the best, and surpassed all in quality."

Mr. J. W. Baker, of Bureau Co., Ill., writes: "I had many good potatoes that did well with me last season, such as Standard, Thorburn, Ohio, Early Pearl, White Prize, and Everett, and some fine seedlings of my own and others, but rank the Polaris as superior to them all."

ALEXANDER'S PROLIFIC POTATO.

A splendid cropper; medium late; vines unusually healthy and vigorous; potatoes of large size, and excellent for quality; eyes near the surface. A white-skinned, white-fleshed variety. Per barrel, per express or railroad, \$4.00; per bushel, \$2.00; per peck, 80 cents; three pounds, postpaid, 75 cents; one pound, postpaid, 25 cents.

EARLY SIX WEEKS.

The Six Weeks is very evidently a seedling from the Ohio, which it very closely resembles in every way, but is earlier, makes rather taller stalks, and appears to yield better on upland than that fine variety. It is well described as growing medium to large size; oblong to round in shape; skin light pink; flesh white; shape smooth; eyes near the surface; tubers grow close together in the hill. The potatoes grow so rapidly that, under favorable circumstances, they are as large as hens' eggs, and therefore fit for family use, in six weeks from time of planting, and mature in between ten and eleven weeks. We find it a good yielder, and though not so extraordinarily productive as some claim, still a remarkably good cropper for so early a sort. It revels in moist land.

We can supply them this season only in quantities of one bushel or less. Here is what some parties say of them:—

Ettore Tassanari, head gardener at the Danvers, Mass., Insane Asylum, writes: "To-day (June 29) we had the officers of the Essex County Agricultural Society at dinner with us, and on the table were a plate of Early Six Weeks potatoes, of good eating size, of this season's growth. The visitors were all loud in their praise."

"In six weeks from planting I have had them fit for table and as fine, solid, and mealy as ripe tubers. They are not troubled by the potato beetle."

JOHN WISE, Athens, Co., Ohio.

"I think they are the earliest potato in cultivation to day. When the vines were about six inches high I examined them and found potatoes as large as partridge eggs, and in six weeks from planting were as large as hens' eggs. Will mature in 72 days. The yield was 380 bushels per acre."

J. E. SHANKS, Athens, Co., Ohio.

"You have got the best early and the earliest potato in existence. We had the Early Six Weeks Market Potato large enough for the table in six weeks from planting. They out-yielded all other varieties."

AUGUST BROEKER (Gardener), Allegan Co., Mich.

"\$10 per bushel would not buy my Early Six Weeks Market Potatoes if I could not replace them for less. They are the earliest of all, and a heavy yielder. I predict they will be universally grown by market gardeners for early, and those gardeners who get them first will reap handsome profits."

JACOB E. STILSON, Onondaga Co., N. Y.

"Planted the Early Six Weeks Market Potato May 3. They grew fine, and we had new potatoes cooked June 20. They are the earliest we ever saw."

DANIEL DONOVAN, Carroll Co., Tenn.

PEARL OF SAVOY.

One of the earliest. A cross between Clark's No. 1 and Early Vermont. It closely resembles in general appearance Early Rose, but is earlier and a better cropper. Planted April 7, the vines began to die down July 16. Of seventy-seven varieties tested in the experimental grounds of *Rural New-Yorker*, this proved to be one of the two earliest, and a very heavy cropper.

EARLY ESSEX.

This, in earliness, vigor of growth, and productiveness, compares well with Early Maine. Like that fine variety, it closely resembles Early Rose. The potatoes are of good size and of excellent quality. Excellent either for a general crop for market, or for use in the family.

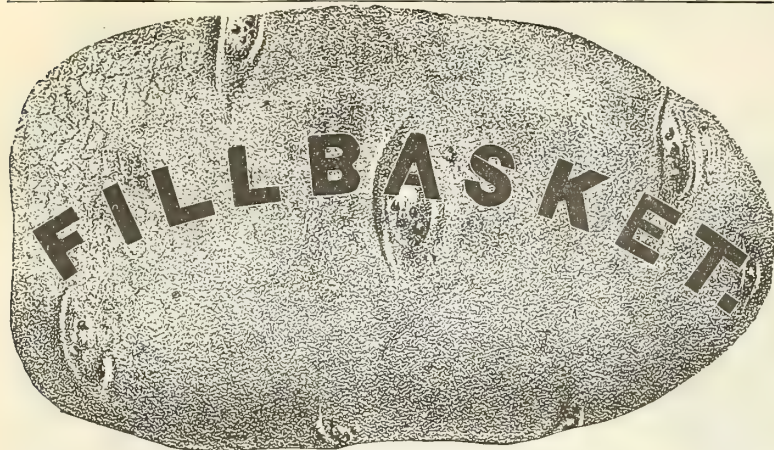
EARLY HARVEST. (New.)

Says the originator, Mr. Jerrard: "I consider this one of the most promising new kinds I have ever introduced. It is wonderfully early — earlier than any other potato I have grown, which unprecedented feature, coupled with large yield, superb quality and fine appearance, makes it a most valuable sort for first early marketing or for home use. The tubers average very large size, are nearly white, with eyes only slightly indented; shape, oval flattened, sometimes long oval; quality, best."

Barnes' industry was in travelling from one grog shop to another; but the weeds took advantage of that sort of industry, and grew ten feet high.

Most seed is gathered at one gathering — a bad practice — for by so doing much that is unripe is harvested, therefore for most of our vegetable seeds we make two or more cuttings.

POTATOES — Continued.

**FILLBASKET.**

This new potato takes the front rank in productiveness, vigor of growth, and eating qualities, only yielding the lead to other varieties in earliness. Yet it is earlier than its appearance would indicate, the tubers being of excellent quality — dry, fine-grained, and mealy — while the tops are still rank and green. Oblong in form, somewhat flattened, white-skinned, usually fair and smooth, it is admirably adapted for an "all-round" main-crop potato, either for home use or market. It excels other varieties in the uniformly large size of the potatoes, there being almost none below market size.

Walter A. Connor, West Henniker, N. H., writes: "I am much pleased with the fine yield, large size, and fine appearance of the Fillbaskets."

HOWE'S PREMIUM.

The vines of this potato die down earlier than any potato we are acquainted with that will grow tubers of market size. On land heavily manured we raised in 1890 four hundred and thirty bushels to a measured acre, with but very few small ones, and hardly a rotten one on the entire piece. Our customers will find it remarkably free from rot. Among the score of varieties we raised last season this one rotted the least of all. Mr. Whitney, of South Bridgton, Me., gives the right character to the Howe's Premium in his letter to us, wherein he states that "there were hardly any too small for the table, and no sign of rot." The skin is nearly flesh-color; the eye a rich pink; shape nearly round; flesh white; quality good for early but not good to be used as a late potato. In size and shape nearly the entire crop, under good cultivation, is marketable. Vines are short and stout, with broad, thick leaves.

Woodbury White.

Maine, that away-down-east State, from time immemorial has been the home of some of our best new potatoes, — the cool climate and virgin soil supplying the conditions which exist in the elevated plateaus among the mountains of Peru, its native home. We came before our customers three seasons ago with another new variety which originated in Maine, — the Woodbury White. This is, as its name would indicate, a white-skinned, and also a white-fleshed sort, half oblong in shape. It has but few eyes, and they shallow ones. Medium early, mealy, and well flavored; size large, with exceptionally few small ones. A great cropper. It was those two characteristics — the average large size of the potatoes and the greatness of the crop — that drew our attention to it in a field of over fifty varieties. Mr. Woodbury writes that with him it yielded three hundred and fifty bushels to the acre, and gave the best satisfaction of any when tested beside fifty varieties.

Monroe County Prize.

One of the most lusty and vigorous of potatoes. When, from dry weather, other kinds yield only small tubers, this will yield large ones.

Extra large in size; oblong in shape; skin white, with a rusty look which generally is found with potatoes of good quality; flesh white, and quality dry and excellent; medium early; a great cropper.

Writes C. A. Zavitz, Guelph, Ont.: "With seventy samples planted, the Monroe County Prize was at the head of the list in point of yield."

EARLY OHIO.

The Early Ohio is generally accepted throughout the Western States as the standard early potato. In color like its parent, in shape it is round-oblong. Quality, dry and mealy. It is a week earlier than Early Rose. We were the original introducers and namers of this fine potato. It requires a rich, moist soil, like the prairie lands of the West, to develop its cropping qualities; therefore don't plant on dry upland.

Early Maine.

This potato originated from a seed-ball of the Early Rose, and in general appearance resembles its parent. On our own ground, raised on a large scale, on land that did not suffer from the drought, the yield was four hundred and ten bushels to the acre.

Mr. Williams says: "They are earlier than the Early Rose, and are far superior in productiveness and quality to any other potato raised in this section (Maine), and have the good characteristic of growing smooth-skinned; in fine, have all the good qualities of a staple potato."

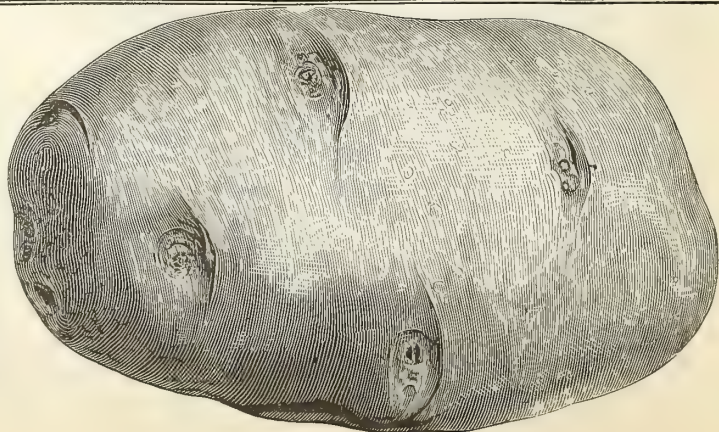
Writes Mr. Willard Parker, of Bridgton, Me.: "The Early Maine beats anything we have here; two thirds of them will crack open when boiling."

Clark's No. 1.

Earlier than the Early Rose, and will yield a heavier crop. It bears a close resemblance to Early Rose in appearance. It cooks mealy, is of excellent flavor, and is every way a capital variety for either the farmer or market gardener. Four hundred and fifty bushels have been raised on an acre; those who try the Clark are dropping the Early Rose. *Very popular with farmers.*

Charles J. Thompson, Wadley's Falls, N. H., writes: "From one bushel of Clark's No. 1, I raised 126 bushels."

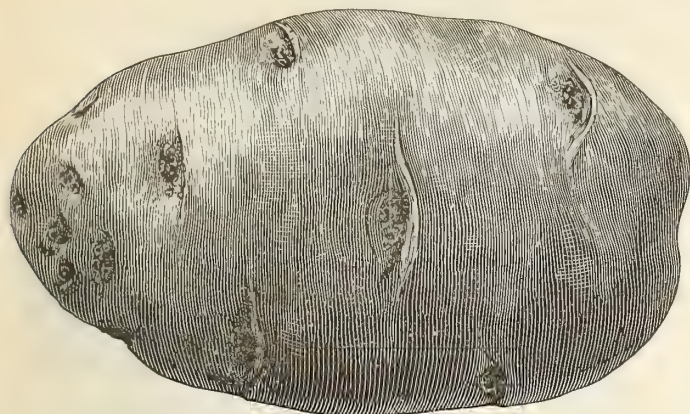
August Beyer, South Bend, Ind., writes: "I raised 118 bushels of Clark's No. 1 from one bushel of seed."



We will ask our customers, when they receive special quotations, to state them in case they order.

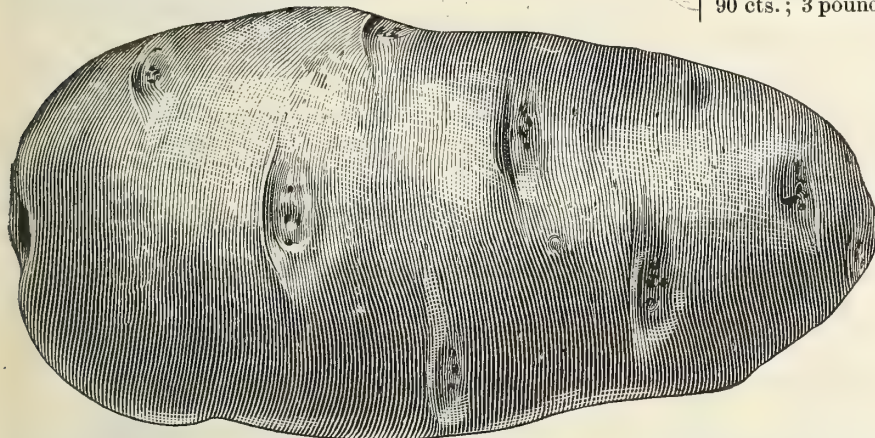
POTATOES — Continued.

EARLY NORTHER POTATO.



A seedling raised from a seed-ball of the Early Rose. In shape, color, and season of ripening it very closely resembles the Early Rose, but in yield is more prolific. It is likely to become as popular as the New Queen. Market gardeners writing to the originator (from whom we obtained our seed stock) speak very highly of it.

N. G. Kilborn, Douglas County, Minn., writes: "This has been a very poor season for potatoes, but nevertheless from the one barrel Early Norther, bought from you last spring, I harvested one hundred and forty-seven bushels. From the five barrels New Queen I got five hundred and ten bushels."



Matthew Donaldson, Sault St. Marie, Mich., writes: "From one peck of your New Queen Potatoes I raised eleven bushels." — Writes Dr. J. K. Shirk, of Lancaster Co., Pa.: "The potato is a beauty as it comes out of the earth — so many very large ones." — Writes Mr. C. G. Britton, of Cheshire Co., N. H.: "They are of the finest quality and very early." — Writes P. F. Putzen, Air Line Junc., O.: "From one barrel of New Queens planted we raised 125 bushels." — Writes L. E. Tuttle, of Maine: "They gave me a wonderful crop of the smoothest, handsomest potatoes I ever raised." — R. Bickerdike, Balsam Lake, Wis., writes: "Very early and of fine quality is your New Queen."

To put the whole matter in a single sentence, the *New Queen* is a very early potato, a good cropper of large tubers that are remarkably and exceptionally handsome and of a quality that is unsurpassed. Like the *Rose*, this has come to stay.

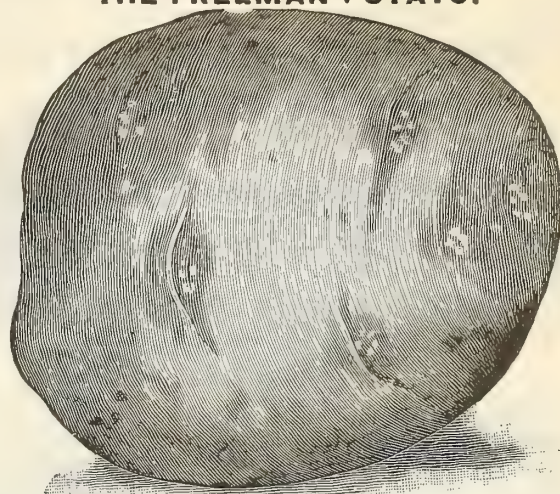
PRICE LIST OF POTATOES. No discount. (Per Express or Freight at Purchaser's Expense.)

Practically all of the varieties in the list that follows we had specially raised for our customers in that county famous for good potatoes, — Aroostook, Maine, — we supplying in every instance the seed stock. We would advise our customers at the South to order potatoes in the fall, as there is more or less danger of their being injured by frost if forwarded between Dec. 1 and March 20. While, therefore, we will guarantee, in filling such orders, to use our best judgment, all potatoes ordered to be forwarded between those dates must be at the risk of the purchaser.

	bbl. exp.	bush. exp.	peck exp.	3 lbs. mail.	1 lb. mail.		bbl. exp.	bush. exp.	peck exp.	3 lbs. mail.	1 lb. mail.
Carmen No. 1. (New.) See p. 4.	12.00	6.00	2.00	1.25	.50	Freeman. (New.)	4.50	2.25	.90	.85	.35
Early Six Weeks. (New.)	.....	2.00	.80	.75	.30	Delaware	3.75	1.90	.75	.70	.25
Polaris	3.75	1.90	.75	.70	.25	Fillbasket	4.25	2.15	.80	.75	.30
Early Ohio	4.00	2.00	.80	.75	.30	Woodbury	3.75	1.90	.75	.70	.25
Howe's Premium	3.75	1.90	.75	.70	.25	Monroe Co. Prize	3.75	1.90	.75	.70	.25
Early Norther. (New.)	4.00	2.00	.80	.75	.30	Beauty of Hebron	3.50	1.75	.70	.65	.25
Early Maine	3.75	1.90	.75	.70	.25	Early Rose	3.50	1.75	.70	.65	.25
Clark's No. 1	3.75	1.90	.75	.70	.25	Burbank's, standard white variety,	3.50	1.75	.70	.65	.25
New Queen	3.75	1.90	.75	.70	.25	Early Harvest. (New.)	....	2.50	.90	.85	.35
Early Essex	3.75	1.90	.75	.70	.25	Alexander's Prolific. (New.)	4.00	2.00	.80	.75	.25

Potato Seeds saved from the seed-balls of a nice white potato fertilized by many others. Price, per package, 25 cents.

THE FREEMAN POTATO.



The reports of the results of a trial of this new potato vary. Though not the earliest, we find it ranks in the very early class; that it is a good cropper, and the potatoes of fair market size. Some experimenters complain of the small size of the tubers; a little higher manuring, we believe, would obviate this. The tubers are very handsome, with eyes near the surface, and the quality excellent. Price, per barrel, per express or railroad, \$4.50; per bushel, \$2.25; per peck, 90 cts.; 3 pounds per mail, 85 cts.; 1 pound per mail, 35 cts.

NEW QUEEN.

This is a seedling raised from a seed-ball from the Beauty of Hebron, in Washington County, Maine. We have raised it on a somewhat large scale on our farms, and are very much pleased with it. We find it very early, a capital cropper, yielding fine, large tubers, so handsome that half of them without culling would be good enough to exhibit at any agricultural fair. Under high cultivation there are almost no small ones. In quality it is most excellent, the flesh being a pure white and of that sparkling, mealy texture that we all like so well in a potato when brought on the table. In shape and color it closely resembles its parent, the Beauty of Hebron.

PUMPKIN.

GIBSON'S MAMMOTH.



This valuable new pumpkin did not receive half the praise it deserved in our last catalogue for its superior quality. As a rule in squashes and pumpkins, size and quality don't go together. As they increase in size they grow poorer in quality; but the Gibson is a remarkable exception to this rule, for it combines fineness and superior quality with its mammoth proportions. Mr. F. Courtis, our neighbor, who is famous as a squash raiser, tells us that it makes just as good pies as a marrow squash. Price, per pound, postpaid, 80 cents; per 4 pound, 23 cents; per ounce, 15 cents; per package, 5 cents.

MICHIGAN MAMMOTH.

This crops abundantly for so large a variety, and grows as large round as a barrel, weighing, with us, from thirty to forty-five pounds. We have raised as high as twelve tons to the acre. We sometimes plant it among early dwarf peas, by omitting every fourth row, having the hills ten or twelve feet apart. In this way we get two crops from our land, being careful to manure liberally. It is a soft-shelled variety, and, therefore, excellent for feeding to stock. To get the largest size leave but one vine to each hill. Price, per pound, postpaid, 75 cents; per 4 pound, 23 cents; per ounce, 10 cents; per package, 5 cents.

SUGAR.

This is the pumpkin for the traditional Yankee pumpkin pie. All others are coarse and barbarous when compared with this; and to bring them, when prepared in any way, to the table is to rob the stock and wrong the family. Not so with this gem of the pumpkin tribe; if fed to the cows it increases and greatly enriches the quality of the milk, imparting to it a rich yellow, while it is a good table delicacy, either simply boiled or when entering into the composition of the traditional pumpkin pie. It is about as fine-grained as the average squash, grows to average five pounds, and yields enormously, the ground covered with the golden fruit being a sight not soon forgotten whenever seen. There is an increased call for them in our city markets, and they bring from half to two thirds as much as squashes are sold for. Price, per pound, postpaid, 75 cents; per 4 pound, 23 cents; per ounce, 10 cents; per package, 5 cents.



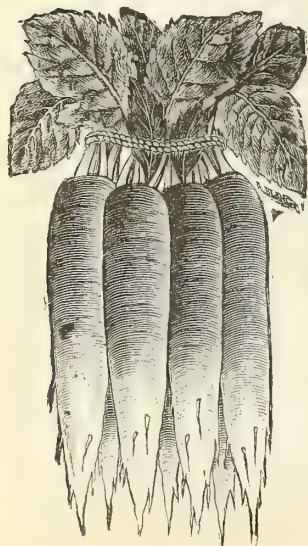
MAMMOTH RED ETAMPES.

This Mammoth, which has been raised to weigh over one hundred and fifty pounds, has a brilliant, showy, red skin. The flesh is very thick, and in quality is about equal to any of the Mammoth class of pumpkins, whose real value is for stock feed. Price, per pound, postpaid, \$1.25; per ounce, 15 cents; per package, 5 cents.

Sprinkle plaster on the squash or pumpkin vines for the striped bug, and if a wide shingle is set slanting near the vines the black bug will be found cozily nestled there early in the morning ready for the sacrifice. About all the hidden trouble in raising a big crop of squashes may be overcome by high manuring.

RADISHES.

BECKERT'S CHARTIER.

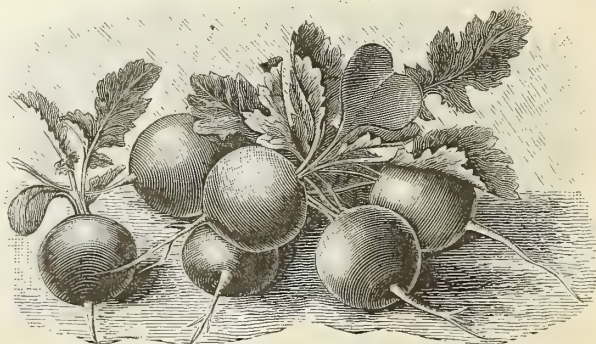


This new radish has rapidly grown into high favor for spring and summer use. It is very handsome, about one third of its length being of a rose color. We find them in our experimental grounds to be as early as Covent Garden, and having the general characteristics of a good early radish. It is of a quick growth, good size, very tender, of excellent quality, while it remains in condition for eating longer than most sorts. We have before us nearly a hundred recommendations, whose general trend is so emphatically in its favor that we are persuaded that our market-garden customers can run no risk in planting it largely. Price, per pound, postpaid, 70 cents; per 4 pound, 20 cents; per ounce, 10 cents; per package, 5 cents.

GIANT WHITE STUTTGART.

This new variety is very early and quick of growth. Flesh and skin pure white. It will stand the severe heat of the South, and grows to an immense size. Price, per pound, postpaid, 70 cents; per ounce, 10 cents; per package, 5 cents.

NE PLUS ULTRA. (Deep Scarlet Strain.)



This is pronounced to be the earliest of all radishes for forcing, being fit for the table in three weeks. Flesh tender and delicate; produces but few small leaves. Price, per pound, postpaid, \$1.00; per 4 lb., 28c.; per oz., 15c.; per pkg., 10c.

RADISHES—Continued.**STRASBURG.**

This is a white summer and autumn radish. It grows four to five inches long and about two inches thick, but is usable when small. Price, per pound, postpaid, 70 cents; per 1-4 pound, 20 cents; per ounce, 10 cents; per package, 5 cents.

EARLY WHITE SHORT LEAVED.

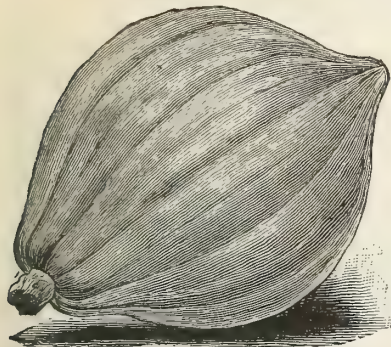
The best of the white turnip radishes. Early and elegantly symmetrical. Top remarkably short; for forcing as well as for growing out of doors. Price, per pound, postpaid, 80 cts.; per 1-4 pound, 23 cents; per ounce, 10 cents; per package, 5 cents.

GOLDEN YELLOW SUMMER.

Its shape is that of the Yellow Summer Turnip Radish, but the root is more spherical and its neck is finer. A variety of great merit. Price, per pound, postpaid, 80 cts.; per package, 5 cents.

Long Brightest Scarlet.

This is one of the medium long varieties, whose coloring, entirely distinct from any other, is a vivid scarlet, tipped with snowy white. An acquisition. Price, per pound, postpaid, 80 cts.; per 1-4 pound, 23 cents; per ounce, 10 cents; per package, 5 cents.

SQUASHES.**Dunlap's Early Prolific Marrow.**

Mr. E. L. Coy, who grows hundreds of acres of squash, pronounces it "the earliest and finest fall variety." Price, per lb., postpaid, 80c.; per oz., 10c.; per pkg., 5c.

THE WHITE CHESTNUT.

Good specimens are as fine-grained and as dry as a boiled chestnut, of as good quality for the table, in every respect, as the Hubbard, while it has a distinct individuality of its own. We have named it the "White Chestnut,"—white, because the color is nearer to white than any other of the hard-shell



squashes; chestnut, because the color of the flesh, and also the quality of it, is very suggestive of a chestnut. The White Chestnut is a hard-shelled squash, of just about the size of the Hubbard as it was when we first introduced it; and it is just about such a cropper as was the original Hubbard. Price, per pound, postpaid, \$1.00; per 1-4 pound, 28 cents; per ounce, 12 cents; per package, 5 cents.

MAMMOTH CHILL.

The Mammoth squashes, though of but little value for table use, on rich land, in those sections where roots are but little cultivated, are very profitable as food for cattle. If you wish to grow a "big" squash try this.

F. W. Arnold, Hammond, Minn., writes: "I have raised Mammoth Chill squashes from your seeds weighing one hundred and fifty-six and one hundred and twenty-six pounds."

Of the Mammoth Squash, Mr. James B. Pickering, of New Hampshire, raised one which weighed one hundred and ninety-two pounds. Price, per pound, postpaid, \$1.00; per ounce, 15 cents; per package, 10 cents.

THE STRICKLER SUMMER.

This new variety of Summer Crookneck we find grows twice as large as the common sort, averaging from 5 to 6 pounds in weight. It will be likely,



eventually, to drive the common sort out of the market. The two engravings show the comparative size of the Strickler and the common Summer Crookneck. We noted in our crop occasionally a sporting back toward the common variety, which shows that the type is not yet quite fully fixed; but the sports were so few they were of minor consequence. Price, per ounce, 15 cents; per package, 5 cents.

The Warren.

Seven years ago a vine appeared in a field of Essex Hybrid squashes raised by a neighbor, bearing three squashes, which were distinct from the rest, in that they had rough, warty, and thicker shells, and were of a richer color. The seeds from the three squashes were planted by themselves, with the object of permanently fixing the new type. Not



only is the shell generally harder and thicker than the Essex Hybrid, but the color is richer and deeper, and the quality decidedly better. They command a better price than the Essex Hybrid. Every farmer and gardener who raises the Hybrid will find it for his interest to substitute for it this new and improved variety. Price, per pound, postpaid, \$1.00; per 1-4 pound, 28 cents; per ounce, 15 cents; per package, 5 cents.

When ordering, to prevent any misunderstanding, please write "peck" in full and "pkg." for package.

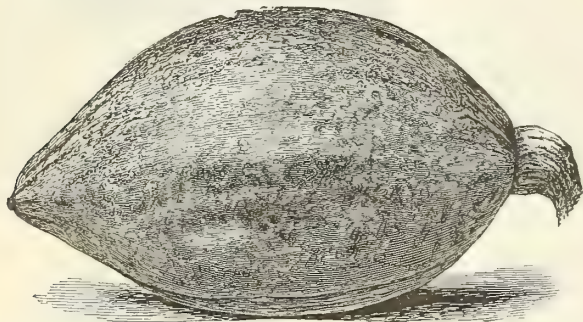
SQUASHES—Continued.

COCOANUT.



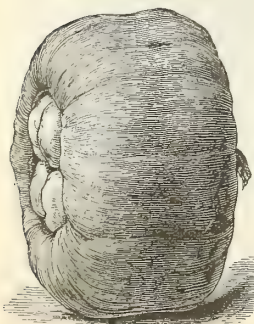
A magnificent little squash for family use; very prolific, yielding from six to a dozen to the vine. The color is an admixture of cream and orange, while the bottom, over a circle of two or three inches in diameter, is of a rich grass-green. The flesh is fine grained, sweet, and very solid (the squash being remarkably heavy for its size), and the quality excellent, closely resembling Canada Crookneck in flavor, but in every way much superior. There is one capital fact true of it, which is well worthy the attention of all who have trouble in raising squashes: viz., that the *Cocoanut* will give a crop when all the standard sorts fail. Price, per pound, postpaid, 83 cents; per 1-4 pound, 23 cents; per ounce, 10 cents; per package, 5 cents.

MARBLEHEAD.



This squash, as a rule (it does not always make a shell), is characterized by a shell of a more flinty hardness than the Hubbard. It is usually thicker and flatter at the top. The flesh is of rather a lighter color than the Hubbard, while its combination (in good specimens) of sweetness, dryness, and delicious flavor is something really remarkable. Its outer color is a light blue. Price, per pound, postpaid, 80 cents; per ounce, 10 cents; per package, 5 cents.

THE AMERICAN TURBAN.



This fine squash is as good for fall as the Hubbard is for winter; in proof of which please see extracts in former catalogues from letters received.

It will rank with the driest, the sweetest, the finest grained, and richest flavored of the fall squashes.

Price, per pound, postpaid, 60 cents; per ounce, 10 cents; per package, 5 cents.

Vegetable seeds enough for a family garden for \$1.00. See page 51.



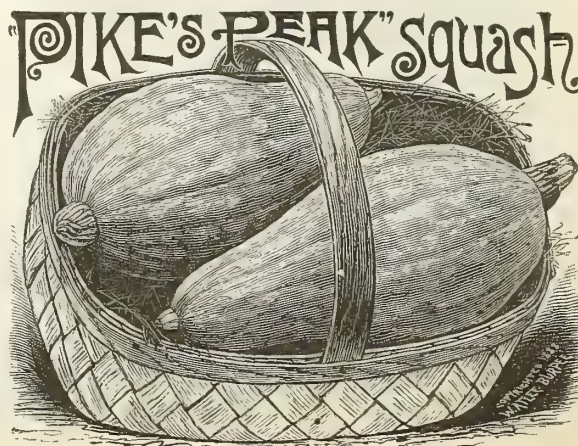
THE BUTMAN.

This squash, of which we were the original introducers, made by crossing the Yokohama with the Hubbard, is the only one of our running varieties known to have originated in the United States. It was made by scientifically crossing the Hubbard with the Yokohama. Externally it is of a bright grass-green color, intermixed with white. In size and productiveness it resembles the Hubbard; it has a thick shell, and is thick-meated. The flesh is of a lemon color. It is exceptionally fine grained, and it is remarkably dry, sweet, and delicious with a flavor different from the Hubbard, Marblehead, or Turban. It is a little later than the Hubbard and does not crop as well. It should bring a higher price in the market. In season from late fall until spring. In the essay which received the premium of the Massachusetts Horticultural Society, the Butman for quality is put at the head of all varieties of winter squashes. Price, per pound, postpaid, 80 cents; per 1-4 pound, 23 cents; per ounce, 10 cents; per package, 5 cents.

SIBLEY, OR PIKE'S PEAK.

Form, as in the engraving; color, pale green; skin, when ripe, thick; flesh, thick and of a rich orange; average weight, six pounds. Raising these by the acre, we find the Pike's Peak, under good manuring, is a better cropper than the Hubbard in the number of squashes, but not equal to it in weight of the crop. A little later than the Hubbard. Quality magnificent, dry, fine grained, sweet, and of a most delicious flavor. Good for late fall and winter use. There have been so many new squashes that "beat the Hubbard," that we were inclined to regard this new competitor as one more of the same class; but, after having now tested its quality, we must frankly say that, in this respect, our old favorite, the one with which we began our business, has at last really met with a competitor.

By all means plant at least a few hills of this new squash. Feed it well; get it in early. Plant plenty of seed, as they are more difficult to vegetate than those of any other squash, and you will have a surprise in store. Price, per pound, postpaid, 80c.; per 1-4 pound, 23c.; per ounce, 10c.; per package, 5c.



SQUASHES — Continued.

THE FAXON SQUASH



COPYRIGHT, 1893, BY M.B. FAXON CO.

THE FAXON SQUASH.

Well, our friends, what do you think of the quality of the new Faxon squash, or squashes we might say, for it is a curious admixture of all sizes, shapes and colors? We risk but little in saying that you are as enthusiastic over its superb quality as are we ourselves; for where among squashes can you find anything finer grained, drier or sweeter than the average of these? It is certainly the best squash that has been sent into the market since the Sibley was introduced, and has the advantage over that in earliness. The strong and fixed characteristics of this squash are earliness, long keeping, uniformity of shape, variety of colors, and the excelling in richness, sweetness and flavor. It is very productive, of medium size (five or six pounds), and is, no doubt, destined to become a standard among squashes, both for home use and for general marketing when once introduced. Even when not fully ripe it is of excellent quality as a summer squash. It is a good keeper, and has the exceptional recommendation of being a table delicacy during *three seasons*, — summer, fall and winter. Mr. Joseph Stone states that for sweetness and dryness the Faxon squash cannot be excelled if equalled, and says, "I know what I am talking about." Price, per $\frac{1}{4}$ pound, 60 cents; per ounce, 25 cents; per package, 10 cents.

WINTER CROOKNECK SQUASH.

Of all vegetables to preserve from season to season, please commend us (as we kindly commend you) to the Winter Crookneck Squash. It is a sure grower, with a quality of its own, not fine, but with a flavor of old time, and a first-rate keeper. It is perfectly at home in the homestead, for we have kept them *well* for two years, and so we invite our customers to join with us in reviving a custom which is truly honored in the observance, that of growing some Winter Crooknecks, and hanging them up in the kitchen as did our fathers of old. Price, per pound, 80 cts.; per $\frac{1}{4}$ pound, 23 cts.; per ounce, 10 cts.; per pkg., 5 cts.



LOW'S BAY STATE.

This variety, with heavy manuring, is a very good yielder, though in size it averages a little below the Essex Hybrid. Popular in Boston market. The color is dark green; it has a thick shell, and is thick meated. Price, per pound, postpaid, 80 cents; per ounce, 10 cents; per package, 5 cents.

ESSEX HYBRID.

This is a cross between the Turban and the Hubbard, having the shape of the former and the shell of the latter. It is a very handsome-looking squash, and the flesh is of rather darker average color than that of either the Hubbard or Turban. It comes generally uniform in shape, and is a heavy cropper. The type now appears to be fixed sufficiently to give nearly all the crop a hard shell, which protects it from injury. Price, per lb., postpaid, 80c.; per ounce, 10c.; per pkg., 5c.

TOMATOES.

LIVINGSTON'S BEAUTY.



This, claims Mr. Livingston, is as early as the Acme or Perfection, of a very glowing crimson in color, with a slight tinge of purple. It retains its size later in the season than Acme and other good sorts. It has yielded one third more than Acme. In shape it is perfectly spherical. It has a thick skin, and hence is not so liable as some other varieties to crack just after a rain. It has more solid flesh and fewer seeds than average kinds, and is less inclined to rot. Price, per ounce, 20 cents; per package, 5 cents.

THE "COMRADE." (New.)

A friend who annually grows several acres of tomatoes considers this the most profitable variety he has ever grown. We have raised the "Comrade" on a large scale, and are exceedingly well pleased with it, and so was every visitor to whom we had the pleasure of showing it. It ripened among the earliest, and was exceedingly productive. The fruits were models in shape and size, round, solid, and brilliant colored. They were entirely free from rot, and remarkably free from cracking. All in all, we don't know of a better sort. Price, per oz., postpaid, 30 cts; per pkg., 10 cts.

RED CROSS.

This new tomato, in form, is of the Livingston class in size, shape and beauty, but is earlier. It is even in size throughout the season, perfectly solid, a brilliant crimson in color, ripens close up to the stem, and bears harvesting better than most varieties. It has brought an extra price in the markets of Boston. Price, per ounce, 25 cents; per package, 5 cents.

ATLANTIC PRIZE. (New.)

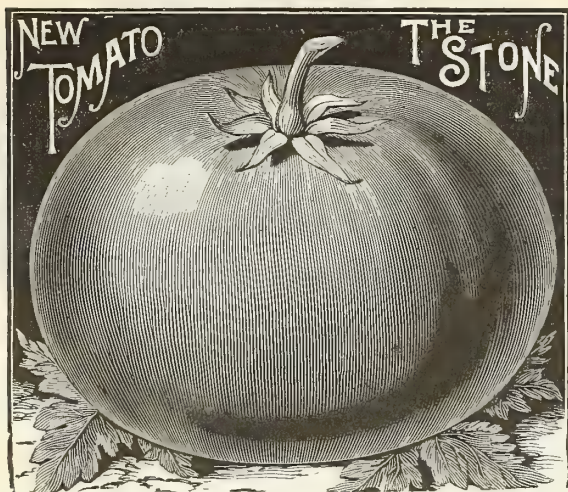
This first early tomato is the result of many years' careful selection by one of the most successful tomato growers of New Jersey. It is said to be two weeks earlier than many kinds it has been tested with. The fruit is of good size, round, very solid, and of excellent quality. Price, per ounce, 25 cents; per package, 5 cents.

Improved Ground Cherry.

Our experimental grounds certify to the claims of this new-comer to be an improvement on the old variety in size. It excels in size of both vine and fruit. Price, per pkg., 10 cts.

TOMATOES — Continued.

THE NEW STONE.



The New Stone Tomato ripens for main crop; it is very large and of bright scarlet color; very smooth, with occasionally a specimen very slightly octagon-shaped; ripening evenly to the stem without a crack; exceedingly solid and firm-fleshed, as its name indicates.

Above all, not Subject to Rot. — Prof. J. L. Budd, of Iowa State Agricultural College, says: —

"It was large enough, smooth, firm-fleshed, and, above all, not subject to rot. I did not see a rotten specimen, although a bad year for rot."

Quality Very Superior. — Prof. E. S. Goff, of Wisconsin Agricultural Experiment Station, says: —

"In quality it is very superior, being unusually solid. The plants were productive and the fruit was entirely smooth."

Bright, Attractive Color. — Prof. W. J. Green, of Ohio Experiment Station, writes: —

"The tomatoes are very large, solid, and of a bright, attractive color. The plants are robust and prolific."

Will Take the Lead for Cannors and Shippers. — Mr. W. W. Carpenter says: —

"It is coreless, and so firm that it can easily be selected from other sorts in the dark. In a word, it combines all the good qualities found in the Favorite and Perfection."

Price, per ounce, 25 cents; per package, 5 cents.

MITCHELL'S NEW.

Here is the experience of some men of standing who have raised it: Mr. S. Spillet, of Nantze, recommends it for size, quality and earliness; Mr. E. Routledge, for its color, size, solidity, flavor and earliness; Mr. W. Gilgore, of Peterboro, for its size, productiveness, smoothness, earliness and quality. Editor Race speaks emphatically of its size, quality and productiveness. T. N. Walker, of Ingersoll, states that in size, solidity and smoothness the crop far surpassed other varieties growing side by side with them.

We have raised the Mitchell on a large scale, and can so far indorse the above statements, in our summing up, as to claim for it a *deserving place among the very best varieties of recent introduction.* Price, per ounce, 25 cents; per package, 5 cents.

Livingston's Aristocrat.

This new bush tomato is the Dwarf Champion over again, except in color, the fruits being a bright glossy red instead of purple. Its dwarf habit makes it an excellent variety for forcing, while in the open ground it can be planted as near as three by three. These dwarf varieties pay roundly for extra heavy manuring; some of our best market gardeners for a general crop raise no other kind. Price, per package, 5 cents.

John planted too shallow; Thomas, too deep. Richard had extra wet weather; William, extra dry. Yet they all held the seedsman responsible.

NEW BUCKEYE STATE.

Mr. Livingston, so famed for the many excellent tomatoes he has from time to time introduced, says of the Buckeye: "It is the largest fruited variety we have ever put out. In addition to its extra large size, it is also smooth and uniform, and, though so large, is the heaviest cropper we have ever grown. It yields immense clusters of from four to ten fruits. In solidity and meatiness it is unexcelled, while in luscious quality none surpass it." We have raised the Buckeye on our trial grounds, and found Mr. Livingston's claims so well borne out we have resolved to catalogue it. It is a late variety, in shape half-way between the flat-round and spherical, thick-meated, and decidedly the most regular of all the extra large class. Price, per ounce, 25 cents; per package, 5 cents.

DWARF CHAMPION.

We have here a very distinct variety, suggesting the old tomato "De Laye," but vastly superior as a cropper, yet in yield greatly superior to them. The originator speaks of it as follows, and the results in our experimental grounds fully substantiate his statements, especially in the soundness, handsome appearance, and exceptionally brilliant color of the fruit, which was the finest of all our varieties: —

"The plant grows stiff and upright, with very thick and short-jointed stems. It can be planted as close as three feet. The foliage is a very dark green in color, thick and corrugated, *differing in form from that of other sorts.* The Dwarf Champion will bear very heavy manuring, the strength increasing the abundance and size of fruit, instead of producing superabundant vines. To crop heavily, it should be liberally manured." Some of our prominent market gardeners plant no other kind. Price, per pound, postpaid, \$2.50; per ounce, 25 cents; per package, 5 cents.

CUMBERLAND RED.

This is a magnificent tomato, size, shape and color, and has proved itself exceedingly popular wherever grown. It is a vigorous grower, very productive, and bears continually until killed by frost. The outer skin is sufficiently tough to keep it from cracking under conditions where other varieties growing side by side do crack, as was noted at the Virginia experimental station. This excellent characteristic gives it great value to the market-man, and when we combine with this its magnificent color, large size, good form, and solidity, we have a tomato every way first-class. Price, per ounce, 20 cents; per package, 5 cents.

ROYAL RED. (*New.*)

It is a first-class main crop variety for the shipper, market and private gardener, and of special value to the canner and catsup maker, because not a single point essential to a main crop variety is lacking. The beautiful red color of both skin and flesh of the Royal Red will satisfy the taste of the public, which of late years inclines to the red in preference to the purple varieties. Large sized, all the crop round, and very handsome. It will give satisfaction as a first-class tomato. Price, per pound, \$2.00; per ounce, 20 cents; per package, 5 cents.

Livingston's Favorite.

Smoother than Paragon, darker red than Perfection, and larger than either. Very productive. Excellent for marketing or canning. Price, per pound, postpaid, \$2.00; per ounce, 20 cents; per package, 5 cents.

Early Ruby.

Extra earliness and great size are claimed for the Early Ruby. It is similar every way to Livingston's Perfection, but decidedly earlier. The mass of fruit being produced close to the main stem enables the sun to reach it the more readily. Price, per ounce, 25 cents; per package, 5 cents.

To bring moisture up send the plough down.

Jones neglected his farm to tell how capital was robbing labor; when he returned he found that ten thousand robbers had quietly taken possession.

TURNIPS.

Purple Top Milan.



This variety of turnip is sent out by the same reliable firm that sent out the Munich. They declare it to be even earlier than the Munich. It is of the strap-leaved class, flat in shape, and of excellent quality. Price per lb., postpaid, \$1.00; per oz., 15c.; per pk., 5c.

BUDLONG.

This is an American Ruta-baga *earlier and rounder* than any other of the Sweet German, Improved White French, Rock, or Russian turnips, all of which names are given, in different localities, to the white Ruta-baga, or various strains of it. Mr. Budlong, probably the most extensive raisers of Ruta-bagas in New England, has, by years of careful selection, produced this excellent strain.

W. J. Richmond, Saybrook, O., writes: "The reputation of the Budlong as a first-class table variety is becoming famous in this locality."

Price, per lb., postpaid, 75 cts.; per $\frac{1}{4}$ lb., 23 cts.; per oz., 12 cts.; per pkg., 5 cts.

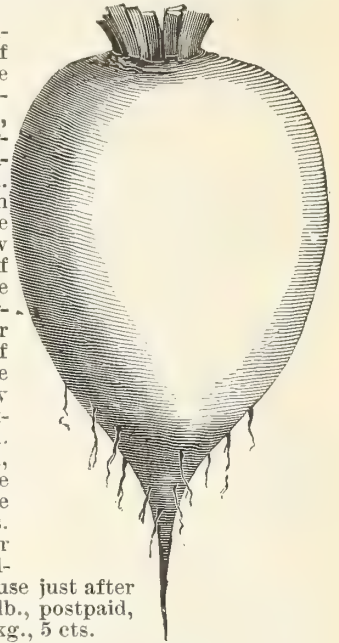
IMPROVED PURPLE TOP SWEDE.

A very early, free-growing variety, with short neck and small top; flesh, deep yellow. "The handsomest Purple Top Swede in cultivation," says the English firm who introduces it. Price, per lb., postpaid, 55c.; per oz., 10c.; per pkg. 5c.

WHITE EGG.

Six hundred bushels of this fine turnip have been raised to the acre as a second crop, bringing the market gardener who raised them two hundred dollars.

Several years ago we experimented with every variety of the early turnips found in the catalogue of the most extensive seed growers of England, to determine whether this turnip, claimed to be a new American variety, really was such. After a careful comparison with all these foreign varieties, we were satisfied that it was a new variety, as distinct from any of the sorts tested as they are from each other. It is perfectly smooth, of a pure, clear white, growing half out of ground, and at times to the size of a Ruta-baga, being a very choice kind for table use, of excellent flavor, sweet and mild. It pulls clean from the ground, and, with its thin, snow-white skin, looks almost as attractive as would a basket of huge eggs. It is a first-rate keeper for winter use. Our stock is from headquarters. Comes to size for use just after Early Red Top. Price, per lb., postpaid, 55 cts.; per oz., 10 cts.; per pkg., 5 cts.



THE LINCOLN OAT.



A Western firm who have had a large experience in oat raising pronounce the Lincoln oat "the best oat now before the American people."

"First, because of its great productiveness, four farmers having raised from 120 to 174 bushels from a single bushel of seed.

"Second, because it is very early.

"Third, because it appears to be nearly rust-proof.

"Fourth, because it stands up better than most kinds.

"Fifth, because its thin hull, soft nib, and heavy meat make it an excellent feeding oat.

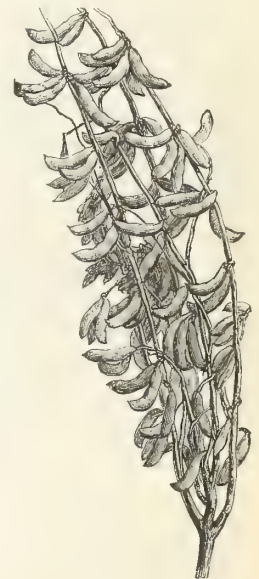
"Sixth, it makes an excellent oatmeal."

I have before me recommendations from twenty-one farmers located in fourteen States, each of which substantiates one or all of the above claims. There can be no doubt but that the Lincoln oat is an acquisition, and will pay roundly to raise now before it retrogrades, as new oats usually do after a few years. Price, per bushel, per express or freight, \$1.50; per peck, 60 cts.; 3 lbs., per mail, 60 cts.; 1 lb., 25 cts.; pkg., 10 cts.

EARLY SOJA OR SOYA BEAN.

The "American Coffee Berry."

Under this name this Japanese bean is being sold in the West at fabulous prices. It does not even belong to the coffee family of plants, still it is a fact, as we find by actual test, that when roasted and coarsely ground it tastes so nearly like Brazilian coffee the difference is scarcely perceptible. It certainly is the best of all substitutes for coffee yet found, and as there is nothing injurious about it, it being, on the contrary, the most nutritious of all vegetable products, and as it can be raised almost anywhere where corn will mature, and yield from twenty to thirty bushels per acre, we believe that the time is not far distant when it will be quite generally raised as a substitute for the cheaper varieties of coffee. The extraordinary richness of the seed makes them an excellent home substitute for cotton and linseed meal for feeding purposes. Cows are very fond of the ground beans. This is the early variety, ripening its crop easily up to latitude 43° north. Price, per qt., postpaid, 45c.; per pkg., 10c.



GOLDEN WONDER MILLET.

This is probably the earliest of all the large millets; it attains a height of 3 1-2 to 4 feet, bearing large, drooping heads; an excellent variety for either fodder or seed. The seed make excellent food for poultry, and they will ripen in high latitudes where corn will not mature. The large, juicy leaves and stalks make excellent green feed for milch cows and other stock. Price per peck of 12 1-2 lbs., per express, \$1.50; per pound, postpaid, 25 cts.; per package, 10 cts.

GRAINS, GRASSES AND FORAGE PLANTS.

See Early Soja Beans, Lincoln Oats and Golden Wonder Millet, page 37.

RACE-HORSE OATS.

The foreign oat, the Early Race-Horse, came off with flying colors on our experimental grounds in 1883, where nineteen varieties were grown side by side. It proved to be nearly a fortnight earlier than the common variety, a very heavy cropper, with grains almost as plump as a well-filled barley.

Per package, postpaid, 10 cts.; per lb., per mail, 20 cts.; per peck, 50 cts.; per express or freight at purchaser's expense, per bushel of thirty-two lbs., \$1.35.

PRINGLE PROGRESS OATS.

This new and distinct variety of oats was made by Mr. Pringle several years ago, by crossing the Excelsior with the Chinese Hullless. In it we have a combination of good qualities which cannot fail to please,—a short, stiff straw, and a long, full head or panicle. The vigor that in most varieties goes to form straw here goes to make grain. Being so much shorter, it does not lodge. In our trial plot of about twenty varieties of oats, the Progress matured the first of all. We believe if the farmer prefer grain to straw, the Progress will suit every time. Per packet, 10 cts.; per lb., postpaid, 20 cts.; per peck, 50 cts.; per bushel, \$1.35.

SASKATCHEWAN SPRING WHEAT.

Says Charles A. Pillsbury, of Minneapolis, Minn. (whose mill has a capacity of seventy-five hundred barrels per day): "No such milling wheat has been received at our mill since we have been in the milling business." Per bushel of 60 lbs., per express or freight at purchaser's expense, \$1.75; per peck, 60 cts.; 3 lbs., per mail, 60 cts.; 1 lb., 25 cts.; per pkg., 10 cts.

Crimson or Scarlet Clover.

This new variety of the clover family has suddenly sprung into wonderful popularity, and this for four reasons, viz., because it is a more vigorous grower than the common red clover; it yields a larger crop per acre; it is richer both as food for animals and for turning under; it will make a good crop where common clover would fail. It does best planted in August or September. It is certainly hardy as far north as New Jersey, and is under trial in New England. It may be sowed among corn and various other crops at their last hoeing, and may be turned under by middle of May. Probably the best of all crops for soiling. Sow 10 to 15 lbs. of seed per acre. It is an annual, and when ripe for hay or seed does not start again. Price, 3 lbs., postpaid, 70 cents; 1 lb., 25 cents. Prices per bushel upon application.

ALFALFA OR LUCERNE.

In this the success turns on using American-grown seed, and planting it in deep, porous soil, and keeping clean of weeds the first season. A top dressing, with fine manure, would help it through the first winter. Price, per lb., postpaid, 35 cts.; per pkg., 10 cts.

JAPAN CLOVER (Lespedeza Striata).

This new clover has proved to be wonderfully adapted as a grazing and hay plant for every portion of the South as far north as latitude 34°. It rapidly takes possession of the region when once planted, covering with its dense verdure soilless hilltops, sandy plains, gravelly slopes, pine thickets, open woods, and all soil either dry or damp. No matter however closely it is grazed, the Japan Clover sprouts vigorously anew. Price, per lb., postpaid, 35 cts.; per pkg., 10 cts.

MILK MAIZE.

Yields from six to sixteen stalks from one seed; much sweeter than cornstalks. It stands wind and drought that would ruin corn. It will sprout again after cutting. Grows from six to ten feet high. Four pounds of seed plant an acre. Price, per peck of 15 lbs., express or freight at purchaser's expense, \$1.25; per lb., postpaid, 20 cts.; per pkg., 10 cts.

KAFFIR CORN.

This new forage crop is allied to Milk Maize or Branching Sorghum, but is earlier than either of them. The stalks keep green and are brittle and juicy, making fodder, green or dry, which is relished by cattle, horses and mules. Its seed heads, eight or ten inches long, are eagerly eaten by horses, hogs and fowls. It cannot be relied upon to mature its seed in the latitudes of New England. Price, per peck of 15 lbs., by express or freight at purchaser's expense, \$1.25; per lb., postpaid, 20 cts.; per pkg., 10 cts.

MANSHURY BARLEY.

A six-rowed barley with very long heads, well filled and heavy; straw bright and strong. In our experimental grounds the Manshury proved to be the earliest of the five leading varieties which were tested there. Price, per express or freight at purchaser's expense, per bush., \$2.00; per peck, 60 cts.; per lb., postpaid, 20 cts.; per pkg., 10 cts.

NEW JAPANESE BUCKWHEAT.

The kernels of this new buckwheat are nearly twice as large as the common kind; the straw is stouter and heavier. It branches more, and it does not need to be sown as thickly; the flour made from it is equal to that from any other buckwheat; it is a very heavy cropper, and less apt to blight than other varieties.

Writes Mr. Eugene Miller: "From twelve quarts I raised over thirty-two bushels of grain, or nearly three times as much as the Silver Hulls."

From Rural New Yorker: "I consider the Japanese Buckwheat to be far ahead of all other kinds. It is certainly a distinct variety. So far with me it outyields the old Gray or the Silver Hull, two to one. It makes a better growth on poorer soil than any buckwheat I have ever raised."

Price, per bush., \$1.25; per express, per peck, 45 cts.; per lb., by mail, 20 cts.; per pkg., 10 cts.

YELLOW DOURA.

This is earlier than the Branching Doura (or Milo Maize), and is not so delicate in starting. The grain, which is abundant, is readily eaten by cows, horses, hogs and mules. Like the Branching Doura, it yields an immense mass of green forage, and will bear two or three cuttings. It grows from nine to twelve feet high, bearing the grain on the large tops. Price, per lb., postpaid, 20 cts.; per pkg., 10 cts.

BAXTER'S SIX-ROWED BARLEY.

The grain is very plump, round, solid and heavy, and differs from all other six-rowed in having a much smaller proportion of hull. It ripens a week or ten days earlier than the Manshury. The straw stands up well. Prof. Saunders, director of the Central Experimental Farm, at Ottawa, Canada, states that "in a test made with thirteen of the best six-rowed varieties, it was found to produce the heaviest grain." Per bushel of 32 lbs., per express or freight, \$2.00; per peck, 60 cts.; 3 lbs., postpaid, 50 cts.; 1 lb., 20 cts.; per pkg., 10 cts.

PRICKLY COMFREY.

In spite of some hasty criticism, careful experiments, continued through several years, have proved this to be very valuable as a fodder plant for cows, horses, sheep and other animals. Propagated by pieces of the root. Plant on rich soil, and give plenty of manure. Don't cut till second year. It is perennial, withstands droughts, and is perfectly hardy. Price, per doz., postpaid, 30 cts.; per 100, per express, \$1.00.

CANADA FIELD PEAS AND OATS FOR FODDER.

These at the rate per acre of one bushel of peas to one and one half bushels of oats make grand summer and autumn fodder for cows and sheep. The peas should be lightly ploughed in when sown, and the oats broadcasted and brushed in immediately afterward. Price of the peas, per bushel, \$1.75 per express. See prices of Race-Horse and Pringle's Oats on this page.

LATE SOJA BEANS FOR FODDER.

These grow three feet high, and will fill the space between rows three feet apart, making a luxuriant growth of fodder. This variety cannot be depended upon to ripen its crop north of Virginia. Price, per bushel, per express, \$4.00; peck, \$1.25.



COMPLETE LIST OF VEGETABLE SEEDS WITH PRICES.

One half bushel at bushel rates; half peck at peck rates; half pound at pound rates; pints at quart rates.

As a rule, the earliest varieties are placed at the head of each list.

ASPARAGUS. (German, *Spargel*; French, *Aspergè*.) For Roots, see page 51.

Sow the seed in the seed-bed late in the fall or in the early spring, as soon as the ground can be worked, in drills one foot apart, covering the seed about one inch deep. Thin the plants to three inches in the row. The roots may be removed to the permanent bed when one or two years old. In preparing the ground no pains should be spared, as a well-established and carefully cultivated asparagus bed will continue in good condition for twenty-five years or more. Select deep, rich, mellow soil, and trench the ground two feet deep, using a liberal quantity of well-decomposed manure, with a small admixture of common salt. Set the roots so that the crowns will be three or four inches below the surface of the ground in rows three feet apart, and nine inches apart in the row. Apply a dressing of manure in autumn (rotten kelp is excellent), digging the same into the ground in the spring, taking care not to injure the roots. The bed will produce shoots fit for cutting the second or third year after transplanting. An occasional application of salt will be found beneficial. One ounce to sixty feet of drill.

	lb. exp.	lb. mail.	½ lb.	oz.	pkg.
Columbian Mammoth White. (New.) See page 9.....	2 92	3 00	1 00	30	10
Palmetto. (New.) See page 9.....	72	80	25	12	5
Moore's Cross-bred. See page 9.....	72	80	25	12	5
Conover's Colossal. The standard variety.....	42	50	18	10	5

BEANS. Dwarf, Snap, or Bush. (German, *Busch-Bohne*; French, *Haricot*.)

Select light, warm soil, and plant when danger from frost is past in the spring, in drills two to two and a half feet apart, dropping the beans about two inches apart in the drill, and cover one inch deep. Keep the ground clean and loose by frequent hoeing, but do not draw the earth around the plants. Avoid working among the vines when they are wet, as it will tend to make them rust. One quart to a hundred feet of drill.

	peck exp.	bush exp.	qt. exp.	qt. mail.	
KEENEY'S RUSTLESS GOLDEN WAX. (New.) See page 2. 2 pkgs. for 25 cts.; 10 pkgs. for \$1.00	....	....	....	....	15
Improved Round Yellow Six Weeks. Early, good either as string, green, or dry shelled; of fine flavor.	1 25	4 50	25	40	10
Early China, or "Red Eye." An old, popular, early variety.....	1 20	4 00	25	40	10
Early Valentine. Pods long, round, and tender; excellent, standard early bean in Middle States.....	1 20	4 00	25	40	10
Early Mohawk. Very hardy, early, and productive.....	1 20	4 00	25	40	10
Early Yellow Six Weeks. Very early and productive; a standard sort.....	1 20	4 00	25	40	10
Refugee, or a Thousand to One. A very prolific bush sort, fine for canning.....	1 20	4 00	25	40	10
Emperor William. A very broad-podded white. Early, fine both for string and shell.....	1 50	....	30	45	10
Rhode Island Early. See page 10.....	1 50	....	35	50	10
Best of All. This has long, fleshy pods of finest flavor; an abundant bearer.....	1 50	....	30	45	10
Dun Cranberry. One of the very best for string; yield, first-rate; early; good as a green or dry shell bean.	1 20	4 00	25	40	10
Dwarf Red Cranberry. The pure, old-fashioned sort, such a favorite with our fathers.....	1 20	4 00	25	40	10
Dwarf Blue-Podded Butter. (New.) See page 10.....	....	....	30	45	10
Low's Champion. For table, garden or market; round, red, green, large-podded, stringless and tender....	1 20	4 00	25	40	10
Warren. See page 9.....	2 00	7 00	35	50	10
Henderson's Bush Lima. See page 10. Two weeks earlier than the pole Limas.....	1 75	....	35	50	10
Burpee's Bush Lima. (New.) See page 9.....	2 50	....	60	75	10
Dreer's Bush Lima. (New.) See page 10.....	2 75	....	60	75	10
Jackson Wonder. (New.) See page 10.....	....	....	60	75	10
Marblehead Early Horticultural. See page 10.....	....	....	35	50	10
Early Carmine-Podded Dwarf Horticultural. (New.) See page 10.....	2 00	7 00	35	50	10
Boston Favorite, or Red-Podded Dwarf Horticultural. Rich carmine color; market gardeners' sort.	1 75	....	30	45	10
Intermediate Horticultural. A half-bush variety, very prolific; a superior sort for market gardeners....	1 60	5 50	30	45	10
Boston Pea. See page 10.....	1 50	5 00	25	40	10
Burlingame Medium. Early and very prolific; in size between marrow and pea.....	1 20	4 00	25	40	10
Improved Yellow Eye. One of the best varieties for baking. Remarkably vigorous, healthy and prolific..	1 50	....	30	45	10
Navy, or Pea Bean. A small, almost round variety, very productive; a standard sort for field culture....	1 00	3 75	20	35	10
White Marrow. A standard sort for field cultivation, early.....	1 50	....	30	45	10
Snowflake. See page 10.....	1 50	4 75	35	50	10
Red Kidney. A standard red sort; fine for baking.....	1 25	....	30	45	10

Waxed Podded Varieties.

Dwarf Golden Wax, or York Dwarf Wax. More prolific, with larger pods than the common sorts ...	1 60	5 50	30	45	10
Dwarf Black Wax. Superior for a snap bean. A very fine strain of early dwarf wax.....	1 60	5 50	30	45	10
Speckled Wax. (New.) See page 10.....	1 75	....	30	45	10
Extra Early Refugee Wax. (New.) See page 10.....	1 75	....	30	45	10
Challenge Dwarf Black Wax. See page 10.....	1 75	....	30	45	10
Cylinder Ivory Pod Wax. See page 10.....	2 00	....	40	55	10
Detroit Wax. Early; nearer rust-proof than most wax sorts; pods long and broad.....	1 75	....	30	45	10
Wardwell's Kidney Wax. Extra early, very prolific; waxy pods five inches long.....	1 75	....	30	45	10
Early Golden-Eyed Wax. Probably the least subject to rust of any dwarf variety.....	1 60	5 50	30	45	10
Crystal White Wax. Pods small, but remarkably prolific; much used for canning.....	....	....	30	45	10

BEANS. Pole or Running Varieties. (German, *Stangen-Bohne*; French, *Haricots à Rames*.)

Set the poles three by three or four feet apart, and plant six to eight beans around each pole, thinning to four healthy plants. They require the same soil and treatment as the dwarf varieties, with the exception that they crave stronger soil, and do best in a sheltered location. One quart to 150 poles.

Marblehead Champion. We find that this variety excels every other pole bean in earliness.....	....	....	45	60	10
Marblehead Early Pole Cranberry. The earliest pole cranberry; pods tender; delicious when cooked ..	....	....	50	65	10
Concord. Considerable earlier than the London Horticultural; good for string or shell.....	....	....	40	55	10
Transylvanian Butter. Pods very broad and long; stringless. Give it rich garden soil..... package only	....	....	....	....	10
London Horticultural, or Wren's Egg. Productive, pods elegantly striped; excellent string or shell ...	2 50	....	35	50	10
Brockton. Longer podded than London Hort., and of darker and richer color; a fine cropper.....	....	....	40	55	10
Mammoth Carmine-Podded Horticultural Pole. (New.) See page 11.....	....	....	75	90	15
Kentucky Wonder. The most productive long, green podded variety we know of. Better for snapping than for shelling.....	....	....	45	60	10
Arlington Pole Cranberry. This fine sort is later but larger podded than the Marblehead Pole Cranberry	....	....	45	60	10
Horticultural Lima. (New.) See page 10.....	....	....	45	60	10
Southern Prolific. A standard at the South, but should be in every Northern garden; very productive....	....	....	30	45	10
Caseknife. A white pole bean of great richness either as green shelled or when baked.....	....	....	30	45	10
Yard Long. Pods grow two and three feet long; a decided novelty..... package only..	....	....	....	....	15
Painted Lady. Either for ornament or use..... package only.....	....	....	....	....	10

Wm. Batchelder, Akron, O., writes: "Have patronized you for thirty years to my satisfaction."

PRICES OF SEEDS.

BEANS, Pole or Running—Continued.

	peck exp.	bush exp.	qt. exp.	qt. mail.	pkg.
Scarlet Runner. The largest for eating; fine for ornament.....			30	45	10
Wilkins' Pole Cranberry. (New.) See page 10.....			60	75	10
Lazy Wives. A late white pole sort; fine for a succession, coming late. For shelling or baking.....			40	55	10
Extra Early Lima. This is, as the name indicates, really earlier than the common sorts.....	2 00		40	55	10
King of the Garden Lima. See page 11.....	2 00		40	55	10
Early Lima, Sieva, or Frost. Two weeks earlier than Large Lima. Requires the entire season in the North.....			35	50	10
Large Lima. As a shell bean, surpasses all in quality; late for the extreme North.....			35	50	10
Dreer's Improved Lima. Rather later, but more prolific than Large Lima; round in shape.....			35	50	10

Waxed Podded Pole Varieties.

Golden Champion. (New.) See page 11.....			45	60	10
Golden Butter Wax. Very early; very prolific; very handsome; in fact, very first-class, a standard.....	2 00		45	60	10
Carmine Wax. One of the earliest of the pole sorts. Pods green, then yellow, then carmine.....			40	55	10
Flageolet Wax. Handsome long pods having a transparent look; later than Golden Butter.....			35	50	10
Early Golden Cluster Wax. (New.) See page 11. In the front rank of wax pole varieties.....			45	60	10
Indian Chief, or Black Algerian Wax. Always in order for stringing; pods yellowish white.....			40	55	10

ENGLISH BEAN, Broad Windsor. Large and excellent. Valuable for ripening unevenly..

These thrive best in rich, moist soil and cool situation. Plant in early spring, two or three weeks earlier than the common beans, in rows two feet apart, and six inches apart in the row, covering two inches deep. Pinch off the tops of the plants when the young pods first appear.

BEEF. (German, *Runkel Rube*; French, *Betterave*.) **Table Varieties.**

Select a deep, rich, sandy loam, and manure with well-decomposed compost. Sow in drills fourteen to sixteen inches apart and cover one inch deep. When the young plants appear, thin to four or five inches apart. For early use, sow as soon as ground can be worked in the spring; for autumn use, about the middle of May; and for winter use from the 10th to the 20th of June, according to variety,—the long varieties requiring more time to mature than the round, early kinds. When sown late increase the quantity of seed. To preserve during winter, cover with earth to keep from wilting. When cooking boil new beets one hour, and old ones two hours or more. The Mangold Wurtzels are grown principally for stock, and, as they grow larger, require more room. They should be sown in drills about two feet apart, and be thinned to twelve or fifteen inches in the row. (See our work on Mangold Wurtzels, etc.) One ounce to fifty feet of drill. Five pounds per acre.

	lb. exp.	lb. mail.	1 lb.	oz.	
Detroit Dark Red. (New.) See page 22.....	62	70	20	15	10
Arlington Favorite. (New.) See page 12.....	62	70	20	15	5
Egyptian. Earlier than Bassano. Tops remarkably small. We heartily recommend this valuable variety to the attention of market gardeners who seek above everything else earliness.....	52	60	18	10	5
Crosby's Early Egyptian. See page 11.....	92	1 00	30	10	5
Eclipse. See page 11. Quite as early as the Egyptian. Now a standard variety.....	67	75	25	10	5
Lentz' Hybrid. (New.) See page 12.....	60	68	20	10	5
Early Bassano. One of the earliest; fine in quality.....	47	55	18	10	5
Faust's New Crimson, or Mitchell's Perfected. (New.) See page 12.....	60	68	20	10	5
Bastian's Early Blood Turnip. As early as the Bassano, but of much darker color; small top, handsome.....	42	50	18	10	5
Early Blood Turnip. A standard sort; good for summer or winter.....	42	50	18	10	5
Edmonds'. See page 12.....	52	60	18	10	5
Dewey's Early Blood Turnip. Very symmetrical; free from fibrous roots; dark red. A first-class beet.....	42	50	18	10	5
Yellow Turnip. An early sort, of a beautiful golden-yellow color, the best for quality.....	50	58	18	10	5
Long Smooth Dark Blood. Excellent for winter use; smooth skinned; flesh dark red.....	42	50	18	10	5

Mangold Wurtzel.

The Globe Mangolds succeed better than the long sorts on sandy soil. Farmers should begin to feed them towards the close of winter and in the spring.

GATE-POST. (New.) See page 6.....	50	58	18	10	5
Norbliton Giant. The Standard Long Red; very extensively used.....	32	40	15	10	5
Carter's Orange Globe. The best variety of Yellow Globe.....	32	40	15	10	5
Giant Yellow Intermediate. (New.) See page 12.....	42	50	18	10	5
Red Tankard. Tankard shaped, with small tap-root; handsome.....	32	40	15	10	5
Golden Tankard. Tankard shaped; flesh deep yellow, with colored rings; good cropper.....	37	45	15	10	5
Webb's New-Kinver Mammoth. Considered by some the best of the Yellow Globes.....	37	45	15	10	5
Improved American Sugar, or Lane's. A long white variety of Mangold Wurtzel, for stock.....	32	40	15	10	5
Vilmorin's Improved French White Sugar. The variety cultivated by the French for making of sugar.....	42	50	15	10	5
White Silesian Sugar. Raised in France for sugar, excellent for feeding stock, a heavy cropper.....	32	40	15	10	5
Red Giant Ovoid. Very large, oval shape; pulls up very free from dirt.....	37	45	15	10	5
Red Globe.....	32	40	15	10	5
Yellow Globe.....	32	40	15	10	5

BERBERRY

One of the best shrubs for hedges. Perfectly hardy. Never winter-kills, and grows on any soil; makes a thick, close, impenetrable hedge that will turn cattle, and promises to become the hedge-plant of North America. The berries make excellent preserves. As the seeds of the berberry do best when planted in the berry, we will receive orders and file them to be filled in the fall, as soon as the fruit is matured, when we will send the berries at prices named above, with a page of full directions for making a hedge, and for preserving the fruit.

BORAGE

This is a profuse flowering plant, which is grown principally for bees. Sow in early spring in rich soil, and thin plants to one foot apart. Readily bears transplanting, and, when thus treated, flowers more abundantly.

BRUSSELS SPROUTS. (German, *Kopfkohl*; French, *Chou de Bruxelles*.)



A class of plants allied to the cabbage family, producing great numbers of small heads or sprouts on the main stem of the plant, which are used in the manner of cabbages. Plant in rich soil, in hills two feet apart each way, and thin to one plant to the hill.

LONG ISLAND IMPROVED. (New.) See page 6.....			75	15	
Dalkeith. (New.) More dwarf and compact than the old sorts and produces larger sprouts.....			40	10	
Strymger's Giant Dwarf. In habit, close-headed and compact.....				10	
Dwarf Improved. The standard variety.....			15	5	


BROCCOLI. (German, *Spargel Kohl*; French, *Chou Brocoli*.)

The Broccoli are closely allied to the Cauliflower family, so nearly so that the Walcheren variety is sometimes classed with Cauliflower. They require similar cultivation and treatment to Cauliflower.

Large White Early French. A standard French variety.....			40	10	
Early Purple. Early, excellent; color, deep purple.....			40	10	
Walcheren White. One of the very best varieties.....		1 48	50	10	
Purple Cape. Late, large, compact.....		1 23	40	10	

 A. Anderson, Painesville, O., writes: "Have been satisfied with your seed for more than 25 years." 

CABBAGE. (German, *Kopfkohl*; French, *Pomme de Chou*.)

 All of the principal varieties of cabbage, making over one half of the list below, are of our own growing.

Cabbage will thrive on any good corn land, though the stronger the soil the better they will develop. New land is preferable. Plough deep and manure very liberally. The early sorts bear planting from eighteen inches to two feet apart in the rows, with the rows from two to two and a half feet apart; the large varieties to be from two to four feet apart in the rows, with the rows from two and a half to four feet apart, but the largest varieties can be planted at the least distances named and do well. The crop should receive as many as three hoeings and three cultivatings. Cabbage will not usually follow cabbage or turnips successfully in field culture, unless three or four years have intervened between the crops. For late fall marketing, plant drumhead sorts from June 10 to 20. For full and minute information, see our treatise on "Cabbages." One ounce to about two thousand plants.

Earliest Varieties.

	lb. exp.	lb. mail.	1 lb.	oz.	pkg.
Express. (New.) See page 12.....	2 42	2 50	73	25	10
Extra Early Jersey Wakefield. A little smaller and a little earlier than Early Jersey Wakefield.....	2 92	3 00	95	30	10
Early Jersey Wakefield. A standard early cabbage in Boston and New York markets. See page 14.....	2 92	3 00	95	30	10
Henderson's Early Summer. This new drumhead cabbage is much larger than the Early Wakefield, though not quite as early. Very popular among market gardeners.....	2 42	2 50	73	25	10
All Seasons. See page 13. Fast becoming an acknowledged standard; early large drumhead variety.....	2 42	2 50	73	30	10
Very Early Etampes. A very early, fine heart-shaped sort; growing in favor.....	1 92	2 00	58	20	5
Little Pixie. A small, tender cabbage, pointed heads. It is earlier than early York, and heads hard.....	1 42	1 50	48	15	5
Sugar Loaf. A popular, conical early variety.....	1 92	2 00	58	20	5
Early Oxheart. One of the standard early conical sorts.....	1 67	1 75	58	20	5
Early York. One of the earliest; an old standard sort.....	1 67	1 75	58	20	5
Early Wyman. The largest of the Wakefield sorts, very popular with market gardeners for early market.....	1 92	2 00	58	20	5
Early Nonpareil. A choice, very early sort.....	1 42	1 50	48	15	5
Earliest Blood-Red Erfurt. The earliest of all the red varieties. Short stumped; hard heading.....	2 42	2 50	73	25	5
Very Early Paris Savoy. Earlier than Ulm Savoy, which it resembles in shape and color.....	.....	.....	.....	25	5
Early Yellow Dutch Savoy. The best of the Yellow Savoys; good header; unique.....	.....	.....	.....	25	5
Midsummer Savoy. This makes a large head for an early Savoy; fine for family use.....	.....	.....	.....	25	5
Early Ulm Savoy. One of the earliest; unsurpassed in quality; capital for family use.....	.....	.....	.....	25	5

Second Early.

GERMAN EXPORT. (New.) See page 2.....	.....	.....	.....	40	10
Large French Oxheart. Popular as an early cabbage; heart-shaped.....	1 42	1 50	48	15	5
Schlitzler. Shaped like Winnigstadt but grows larger; marbled green; fine for the table.....	.....	.....	75	25	5
Early Winnigstadt. Heads large, cone-shaped, solid; one of the best standards for all soils.....	2 17	2 25	68	25	5
Early Red Erfurt. Early, head round, and very solid.....	.....	.....	.....	25	5
Filderkraut. The heads are conical in shape, large size, very hard and solid. Can be used medium early but specially valuable for winter use. Sure to head, and thrives well everywhere.....	1 42	1 50	48	15	5
Schweinfurt Quintal. The earliest of all large drumheads; grows from a foot to eighteen inches in diameter; does not head very hard, but is remarkably tender. The heads are very handsome.....	1 92	2 00	58	25	5
"Newark" Early Flat Dutch. Best strain of second early in New York market. Heads large and solid.....	2 42	2 50	73	25	5
Early Bleichfeld Giant. Heads large, solid, and of fine flavor; dark green in color.....	1 92	2 00	58	20	5
Fottler's Early Brunswick. The earliest of the large-heading drumheads. This has given great satisfaction in every section of the United States. See page 12.....	1 92	2 00	58	25	5
Reynolds. (New.) See page 14.....	2 42	2 50	73	25	10
Succession. See page 12.....	2 92	3 00	95	30	10
Warren. See page 12.....	2 92	3 00	95	30	10
Early Deep Head. See page 13.....	2 42	2 50	73	25	10
All Head. (New.) See page 13.....	2 42	2 50	73	25	10

Late Kinds.

Bridgeport. Late drumhead. The standard shipping cabbage in Chicago; makes a large, round, firm head.....	2 42	2 50	73	25	10
Green Glazed. A standard variety in the South.....	1 92	2 00	58	20	5
New Diamond Winter. See page 12.....	2 92	3 00	95	30	10
Gregory's Hard Heading. See page 14.....	2 92	3 00	95	30	10
Marblehead Mammoth Drumhead. Largest in the world. Special directions on label. See page 12....	1 92	2 00	58	25	10
Stone-Mason Drumhead. A standard variety in Boston market.....	2 12	2 20	68	25	5
Premium Flat Dutch. Large and excellent for winter; very extensively grown in the South. See page 13	1 92	2 00	58	20	5
Improved American Savoy. Very reliable for heading; very sweet and tender. See page 14.....	1 92	2 00	58	20	5
Drumhead Savoy. A cross between Savoy and Drumhead; very large.....	1 92	2 00	58	20	5
Red Dutch. The old variety for pickling.....	1 92	2 00	58	20	5
Red Drumhead. Larger than Red Dutch, and more profitable; heads round; very reliable for heading....	1 92	2 00	58	20	5

CARROT. (German, *Mochre*; French, *Carotte*.)

Carrots thrive best in rather a light loam. The ground should be well manured with fine, well-rotted, or composted manure, six or eight cords to the acre, and be thoroughly worked quite deep, by two ploughings made at right angles with each other. Also cultivate and drag, if there are any lumps, and then rake level, burying all remaining lumps and stones. Plant in rows fourteen inches apart and thin plants three to five inches in the rows. Plant from the middle of April to the middle of May, to insure crop, though good success is often met with if planted as late as the 10th of June. As the dry spells, which sometimes prevail at that season, are apt either to prevent the germination of the seed, or to burn the plants as soon as they appear above ground, it is therefore advisable to increase the quantity of seed, which, under the circumstances, will give the crop a better chance. Keep very clean of weeds. One ounce will sow 150 feet of drill. (See our work on "Mangolds and Carrots.")

LONG RED CORELESS. (New.) See page 2.....	1 25	1 33	38	20	10
Early Very Short Scarlet. The earliest and smallest of all varieties; of special value for forcing.....	1 00	1 08	33	15	5
Early Scarlet Horn. The early short variety for forcing; excellent for the table; color, very deep orange.....	72	80	25	10	5
Short Horn. The standard early variety; sweeter than Long Orange, and more solid. Good to color butter.....	77	85	25	10	5
Chantenay. See page 15.....	92	1 00	30	12	5
Guerande. See page 15. Enormous cropper; can be pulled by hand.....	87	95	30	12	5
Danvers. Extra selected gardeners' strain. See page 15.....	1 25	1 33	38	15	5
Danvers. This is a fine strain, perhaps as good as ours.....	92	1 00	30	12	5
Improved Long Orange. We send this out as the most select strain of Long Orange.....	72	80	25	10	5
Mitchell's Perfected. This differs from all others in being nearly as large at bottom as at top.....	.....	.....	.....	20	5
Improved Short White. See page 15.....	84	92	28	10	5
Large White Belgian. Large white; very productive; good for horses; crop can be pulled by hand.....	52	60	18	10	5
Yellow Belgian. Grown partly out of ground; a capital sort for late keeping.....	52	60	18	10	5
Giant White Wiltshire. (New.) See page 15.....	92	1 00	30	15	5

CAULIFLOWER. (German, *Blumenkohl*; French, *Choufleur*.)

Pursue the same course as with Cabbage, manuring rather heavier and hoeing oftener. Cauliflowers covet the cool, moist weather of the fall months to perfect themselves. One ounce for one thousand plants.

EARLY PADILLA. (New.) See page 2.....	.....	.....	.....	1 50	25
Extra Early Dwarf Erfurt. Extra choice. Specially selected. See page 15.....	.....	.....	.....	3 00	25

W. T. Martin, Middleton, Mass., writes: "With me your Early Boston Market Corn leads the market."

PRICES OF SEEDS.

CAULIFLOWER—Continued.

	lb. exp.	lb. mail.	1/2 lb.	oz.	pkg.
Early Paris. A standard early variety.....	2 23	60	10
Early Erfurt. A choice German variety.....	3 98	1 00	15
Italian Early Giant. Fine, large, white-headed and early.....	60	10
Early Dutch. Early.....	60	10
Henderson's Early Snowball. See page 15. Very dwarf; very early and reliable.....	14 00	4 00	25
Early London Market. The best strain of this standard English sort.....	50	10
Thorburn's Gilt Edge. See page 15.....	3 50	25
Long Island Beauty. See page 15.....	2 50	25
Eclipse. The leaves of this variety are said to protect the head especially well.....	15
Carter's Defiance. This sort is fine for forcing or very early use.....	15
Berlin Dwarf. By test we find that this for earliness, size, and quality about equals the Snowball.....	1 00	15
Lenormand's Short-Stemmed Mammoth. Dwarf, large, and fine; reliable for general cultivation.....	1 98	60	10
Carter's Dwarf Mammoth. Very early, with heads remarkably large for so dwarf a variety.....	75	15
Autumnal Late Giant. Very large headed and extremely productive.....	60	10
Large White French. Fine, large, white.....	60	10
Stadtholder. Fine; large size; late.....	60	10
Late Algerian. One of the new, large, late French sorts; very popular with the New York gardeners.....	2 48	75	10

CÉLERY. (German, *Sellerie*; French, *Céleri*.)

Plant seed in hot-bed or very early in open ground. Transplant four inches apart, when three inches high, in rich soil finely pulverized; water and protect until well rooted, then transplant into rows five or six feet apart either on surface or in well-manured trenches a foot in depth, half filled with well-rotted manure. Set the plants from eight to twelve inches apart. To blanch, draw earth around the plants from time to time, taking care not to cover the tops of the centre shoots. Sow Boston Market early and manure it heavily to develop its branching habit. Those marked with a * the best for the South. One ounce of seed gives about four thousand plants.

Early Arlington. Earlier and of larger growth than Boston Market. Headquarters stock.....	1 92	2 00	58	25	5
Paris Golden Yellow Large Solid. See page 16. Headquarters stock.....	3 42	3 50	1 10	35	10
Boston Market. Headquarters stock. This is the short, bushy, compact, solid Boston variety.....	2 42	2 50	73	30	10
Dwarf Golden Heart. See page 16.....	1 92	2 00	58	25	5
Crawford's Half Dwarf. See page 16.....	1 92	2 00	58	25	5
*White Plume. See description on page 16.....	2 92	3 00	95	35	10
Giant Pascal. (New.) See page 16. Stock from the originator.....	2 92	3 00	95	35	10
Kalamazoo. See page 16.....	2 17	2 25	68	25	10
Solid Ivory. The perfection of a dwarf celery; compact in habit; crispy, and of fine flavor.....	...	...	...	30	5
*Perfection Heartwell. Medium green, tall, vigorous grower, makes a large, tender heart.....	1 92	2 00	58	25	5
*White Solid. A standard sort. Our strain of this is first-rate.....	1 92	2 00	58	25	5
Sandringham Dwarf White. Most dwarf of all; very solid; white.....	1 92	2 00	58	25	5
New Rose Dwarf. Has the good keeping qualities of the red sorts, and is of a fine pink color.....	...	...	...	40	10
London Red. Dwarf, solid and crisp; a first-class variety.....	...	...	...	20	5
Turnip Rooted. (Celeriac.) The old standard sort. Celeriac is used for flavoring soups.....	...	...	...	20	5
Large Smooth Paris Turnip Rooted. This grows better and smoother than any other Celeriac.....	...	...	...	20	5
Old Celery. For flavoring pickles, etc.....	50	58	18	10	5

CHICKORY. (German, *Cichoren Wurzel*; French, *Chicoree*.)

Pursue the same manner of cultivation as for carrot. If to be used as a salad, blanch the leaves by covering, so as to exclude the light. If raised for its root, dig at about the same time as carrots, wash the roots, and then slice them either way, and dry thoroughly by artificial heat.

Large Coffee Rooted. Used as a substitute for coffee.....

COLLARDS or COLEWORTS

A class of plants closely allied to the Cabbage family, used as greens in the pine sections of the South. Transplant when four inches high into rows three to four feet apart, according to the richness of the soil, and one and one half feet apart in the row. Thin during the summer to three feet apart in the row, using the plants for fodder, for if the soil is good what are left will grow to touch each other. Gather for use after the first heavy frost.



CORN.

Do not plant before the ground has become warm—nothing is gained by it. Drill cultivation is more profitable than hill cultivation. The smaller varieties may be planted with the drills two and a half feet apart, and the stalks thinned to ten inches apart; the larger sorts should have the drills three to four feet apart, and the stalks a foot apart in the rows, and the largest varieties eighteen inches apart. Use some rich manure in the drills. Frequently stir the earth around the roots by hoe or cultivator, but do not draw it up about the stalks. For a succession of corn for family use to be planted at the same time, we would recommend Cory, Minnesota, Crosby's, Moore's, Stowell's, and Egyptian Sweet, using double of the two last-named sorts. One quart for two hundred hills.

Sweet Varieties for Family Use and Marketing in a Green State.

(German, *Zucker Maize*; French, *Sucre Maize*.)

	peck exp.	bush exp.	qt. exp.	qt. mail.	
Cory. See page 18. Now the acknowledged standard early market sort.....	95	3 25	20	32	10
White Cory. (New.) See page 17.....	95	3 25	20	32	10
First Crop Sugar. (New.) This comes just after the Cory, with larger ears, and surpasses it in sweetness.....	95	3 25	20	32	10
Lackey's New Early Sweet. See page 18.....	1 00	3 50	25	37	10
Early Narragansett. Second early; kernels very large; ears large in diameter, and of medium length.....	90	3 00	20	32	10
Early Minnesota Sweet. One of the second earliest; ears of good market size.....	90	3 00	20	32	10
Shaker Early Sweet. Matures with Minnesota, but has a larger ear; desirable.....	90	3 00	20	32	10
Original Crosby's. Early, short stalked, ears near ground, twelve to sixteen rowed, and of rich flavor.....	1 00	3 50	20	32	10
Crosby's New Early Sweet. First-rate every way, either for market or family use.....	90	3 00	20	32	10
Early Boston Market. Earlier and more dwarf than Crosby's early; has larger ears.....	90	3 00	20	32	10
Moore's Early Concord Sweet. Twelve to sixteen rows, med. early, ears large; good to follow Crosby..	90	3 00	20	32	10
Quincy Market. (New.) See page 17.....	1 00	3 50	25	37	10
Stabler's Early. (New.) See page 17.....	90	3 00	20	32	10
Nonesuch. (New.) See page 17.....	90	3 00	20	32	10
Bonanza. (New.) See page 17.....	90	3 00	20	32	10
Perry's Hybrid. See page 17.....	90	3 00	20	32	10
Potter's Excelsior or Squantum. See page 17.....	90	3 00	20	32	10
Honey Sweet. Second early; husks red; kernel creamy-white; deep grain; cob small; productive; sweet.....	90	3 00	20	32	10
Mexican Sweet. The sweetest and tenderest of all varieties we are acquainted with.....	90	3 00	20	32	10
Quaker, or Ne Plus Ultra. Medium ears, two or three per stalk; deep kernelled; very sweet.....	90	3 00	20	32	10
Country Gentleman. (New.) See page 17.....	1 00	3 50	20	32	10
Amber Cream. A medium late sort.....	90	3 00	20	32	10
Old Colony. In earliness between Moore's and Stowell's; ears large, having a fine, deep grain.....	90	3 00	20	32	10
Pee-and-Kay. Second early, large eared, white and sweet.....	90	3 00	20	32	10
Hickox. Large eared, white, tender, and sweet, ripening a week earlier than Stowell's.....	90	3 00	20	32	10

 **Lucy G. Hills, Rockland, Me., writes: "Have used your seeds for thirty years."** 

PRICES OF SEEDS.

ENDIVE. (German, *Endivien*; French, *Chicoree*.)

For early use sow as soon as the ground can be worked in the spring, in drills fifteen inches apart, and thin plants to six or eight inches in the row. Any common garden soil will do; but a rather moist situation is preferable. To blanch the leaves, gather them carefully together when perfectly dry, and tie with matting or any soft fibrous material. Another method is to invert flower pots over the plants. The leaves are very highly esteemed for use as salads. One ounce for three thousand plants.

London Green Curled. Very popular.....	1 42	1 50	48	20	5
Fine Curled Mossy. Very ornamental.....	1 42	1 50	48	20	5
Broad Leaved Batavian. A large summer variety.....	1 42	1 50	48	20	5

GARLICS

Plant the bulbs on exceedingly rich soil, in rows or in ridges fourteen inches apart, and six inches apart in the rows. They are cultivated for their flavor (which is similar to the onion, but more powerful), and are used in stews, soups, etc.

GOURDS.

The larger varieties require the entire season to mature them, and the ornamental sorts are apt to grow too large if the ground is very rich.

Hen's Egg. For nest eggs; housewives find these handy when darning stockings.....	....	....	....	25	10
Hercules Club. Grows four to six feet in length.....	....	....	....	25	10
Sugar Trough. Growing to several gallons' capacity; for holding liquids they will last years.....	....	....	....	25	5
Double Bottle.....	....	....	....	....	5
Dipper. Used as its name indicate.....	....	....	....	....	5
Angora.....	....	....	....	....	5
Fancy and Ornamental. Mixed varieties.....	....	....	....	....	5

KALE or BORECOLE. (German, *Blatter kohl*; French, *Chou vert frisé*.)

Plant the larger sorts in hills two by three feet apart, and thin to one plant to the hill. Select deep, rich soil, and cultivate as cabbage. Some of the varieties are very ornamental, and scattered singly are attractive in the flower garden, being finely curled and variegated with green, yellowish white, bright red, and purple leaves. The tender leaves are used as cabbage.

Large-Leaved Jersey. Large, curled, light green leaves, with white ribs.....	....	....	....	20	5
Carter's Thousand Head. Remarkable for the great amount of green feed per acre. Very hardy.....	92	1 00	30	10	5
Siberian or German Greens. Sow in fall for use in spring.....	92	1 00	30	10	5
Green Curled Tall Scotch. One of the best varieties for market.....	92	1 00	30	10	5
Dwarf Green Curled. Very hardy; a standard market sort.....	92	1 00	30	10	5

KOHL RABI or TURNIP CABBAGE. (German, *Kohl Rabi*; French, *Chou rave*.)

Prepare ground as for cabbage, then plant about the first of June in rows two feet apart, thinning plants to twelve inches in the row. To preserve over winter treat as turnips. When young their flesh is tender and resembles a fine Ruta-baga, with less of the turnip flavor. When fully matured, they are excellent for stock. One ounce to two thousand plants.

Early White Vienna. A standard early kind.....	2 92	3 00	98	30	5
New Goliath. The largest of all the varieties; deep purple.....	....	....	....	25	5
Large Purple. Very large, hardy and productive; for stock.....	1 92	2 00	58	18	5

LEEK. (German, *Lauch*; French, *Poireau*.)



Select good onion soil, manure liberally, and plant in April in drills made six to eight inches deep and eighteen inches apart, and thin to nine inches apart in the drill. Gradually draw the earth around the plants, until the drills are filled level with the surface. Draw for use in October. To be used in soups or boiled as asparagus. One ounce to a thousand plants.

Broad Scotch or Flag. A large and strong plant.....	1 42	1 50	48	20	5
American Flag. A fine variety.....	1 42	1 50	48	20	5
Large Musselburg. A standard English variety.....	1 42	1 50	48	20	5
Extra Large Carentan. A very fine extra large winter variety.....	1 42	1 50	48	20	5

LETTUCE. (German, *Lattich*; French, *Laitue*.)

Lettuce covets a rich and rather moist soil. The rows should be about twelve inches apart, and the plants thinned from eight to twelve inches apart for the heading varieties. When heads are not desired, it may be grown in a mass. The more rapid the growth, the better the quality. Some varieties are peculiarly adapted for early culture, others for summer growth. One ounce for three thousand plants.

Large Boston or Big Boston. (New.) See page 20.....	2 42	2 50	73	25	5
Ward's White Tennis-Ball. For culture under glass; Boston market gardeners' fine strain, very desirable.	3 92	4 00	1 23	40	10
New Hothouse Forcing. Grown under glass; especially adapted to hot-bed culture; large heading.....	3 92	4 00	1 23	40	10
White Tennis-Ball or Boston Market. The variety so extensively grown by the Boston market-men during winter. A fine early sort, small heads, very hardy; for winter culture.....	1 17	1 25	38	15	5
Learned's Black-Seeded Tennis-Ball. For forcing. (New.) See page 20.....	....	....	....	50	10
Denver Market. (New.) See page 20.....	1 42	1 50	48	20	5
Stone-Head Golden Yellow. We invite gardeners to test this for quality with the very best variety they know, believing that this will bear the palm for forcing.....	1 42	1 50	48	20	5
Grand Rapids. Beautiful in appearance, strong grower, tender and crisp. Fine for forcing.....	1 17	1 25	38	15	5
Black-Seeded Tennis-Ball. Hardy, excellent for early crops; large heads. A favorite in Boston market.	1 17	1 25	38	15	5
Early Curled Silesia. Very early, tender, sweet; a popular variety for hot-beds or early outdoor culture...	1 02	1 10	33	15	5
Early Butter Head. An excellent sort; a great favorite.....	1 02	1 10	33	15	5
Early Curled Simpson. Resembles Silesia, but is more curled and not so early.....	1 02	1 10	33	15	5
Black-Seeded Simpson. An improvement on the Simpson, being finer in many respects.....	1 02	1 10	33	15	5
Early Prize Head. An acquisition; runs to seed slowly; very tender and of fine flavor.....	1 02	1 10	33	15	5
Satisfaction or Salamander. One of the best summer cabbage sorts; light green.....	1 02	1 10	33	15	5
Drumhead. Very large; heads crisp and tender. A standard sort.....	1 02	1 10	33	15	5
Hanson. See page 20. Extremely popular.....	1 42	1 50	48	15	5
Sugar Loaf. See engraving and description on page 20.....	1 42	1 50	48	15	5
Green Fringed. Extremely ornamental, the leaf edge being elegantly fringed; unique.....	....	....	....	15	5
Marblehead Mammoth Cabbage. (New.) See page 20.....	1 42	1 50	48	20	10
Deacon. It forms large, very solid heads of an attractive light green color; very crisp and tender. Many of the very solid heads refuse to send up any seed spikes unless cut.....	1 17	1 25	38	15	5
Defiance. Light green color, makes large heads, does not seed quickly. Fine for summer.....	....	....	....	20	5
Buttercup. Bright chrome-yellow; combining delicate flavor with beauty of foliage.....	1 17	1 25	38	15	5
Blonde Block-Head. A fine heading summer variety, of a bright yellowish green color.....	....	....	....	20	5
Red Besson. This heads as well as Fottler's Cabbage, and is of fine quality; brown and green.....	1 17	1 25	38	15	5
True Boston Curled. The most elegant Lettuce of all. Quality good; very popular.....	1 02	1 10	33	15	5
All-the-Year Round. Does not tend to seed; heads hard and crisp.....	1 42	1 50	48	20	5
Oak Leaved. Leaves oak shaped; very striking in appearance; tender and sweet.....	....	....	....	20	5

 J. M. Keeley, Independence, Kan., writes: "Have found your seeds reliable for twenty-one years." 

PRICES OF SEEDS.

LETTUCE — *Continued.*

Brown Genoa Cabbage. Medium, round head stained with red. One of the best for summer or winter use.
Improved Spotted Cabbaging. Fine head; green shaded with brown; quality first rate.
Perpignan. Heads sometimes seven inches in diameter. Fine summer variety. Not inclined to seed.
Bath Cos, White-Seeded. An improvement on the White Paris Cos.
White Paris Cos. Best of all the Cos varieties.
Six Choice Varieties. Mixed in one package.

lb. exp.	lb. mail.	1 lb.	oz.	pkg.
....	20	5
....	20	5
....	20	5
....	20	5
....	20	5

MARTYNIA

Plant two by three feet apart, leaving only one plant in a place. It produces an abundance of large, showy flowers, and the young pods, when sufficiently tender to be easily punctured by the nail, are used for pickles.

2 92	3 00	95	30	5
------	------	----	----	---

MUSKMELON. (German, *Melone*; French, *Melon*.)

Select warm and light soil; a poor, light soil is better than a cold and rich one. Thoroughly work the soil; manure with guano, phosphate, or a rich compost, having the hills six feet apart for the musk varieties, and eight or nine for watermelons. Do not excavate hills, but work the manure just under the surface, as the roots of all vines naturally seek warmth. Pinch the more vigorous vines from time to time, and work in guano or phosphate between the rows. Plant a dozen or more seeds in each hill, but do not leave over two plants. Sprinkle young plants liberally with plaster or air-slacked lime to protect from depredation of insects.

LONG ISLAND BEAUTY. (New.) See page 3.
Extra Early Hackensack. (New.) See page 22.
Extra Early Cantaloupe. The earliest of the musks; large, showy, and of fair flavor.
Early Jenny Lind. An early sort; favorite with gardeners.
Early Nutmeg or Green Citron. Green flesh, Boston variety; earlier than Nutmeg grown farther south.
Christiana or Boston Pet. (True.) Remarkable for early maturity.
Netted Gem or Pineapple. See page 21.
New White Japan. Flesh greenish white; early and prolific; sweet, delicious.
Hackensack. Grows large; flat, round in shape; very productive; of delicious flavor.
Skillman's Fine Netted. Of delicious flavor; early.
Sill's Hybrid. See page 21.
Miller Cream. See page 21.
Six Oaks Cantaloupe. (New.) See page 22.
Shumway's Giant. (New.) See page 22.
Columbus. (New.) See page 22.
Irondequoit. (New.) See page 22.
Delmonico. (New.) See page 21.
Osage. Round in shape, salmon fleshed, delicious; second early. Allied to the Miller.
Emerald Gem. See page 22.
Bay View. Flesh green; sweet and spicy; hardy, vigorous, and productive; long round in shape.
Ward's Nectar. Early, exceedingly prolific, sweet, rich, and delicious; green fleshed.
Surprise. Early, productive, and delicious; salmon fleshed; first class. See page 21.
Chicago Nutmeg. Of larger size than Boston Nutmeg; growing in favor.
Montreal Nutmeg. See page 22.
Casaba. A very large, long, green-fleshed melon, of delicate flavor, thick fleshed, melting and delicious.
Long Yellow. Large, sweet, productive; a well-known sort.
Banana. See description on page 21.
Large Boston Nutmeg. Larger than the common nutmeg; much grown around Boston.
Bird Cantaloupe. See page 21.
Champion Market. See page 21.
Mango Melon or Vine Peach. These resemble oranges in color, shape and size. Fry as egg plant when green.
Fottler's Mango. Long in shape. Fine for pickles when picked green.

1 17	1 25	40	25	15
92	1 00	30	15	5
82	90	28	10	5
62	70	20	10	5
57	65	18	10	5
67	75	25	10	5
72	80	25	10	5
62	70	20	10	5
62	70	20	10	5
67	75	25	10	5
72	80	25	10	5
67	75	25	10	5
1 17	1 25	38	15	10
72	80	25	10	5
92	1 00	30	15	5
72	80	25	10	5
67	75	25	10	5
67	75	25	10	5
82	90	28	15	5
67	75	25	10	5
67	75	25	10	5
67	75	25	10	5
62	70	20	10	5
62	70	20	10	5
62	70	20	10	5
52	60	18	10	5
72	80	25	10	5
72	80	25	10	5
72	80	25	10	5
72	80	25	10	5
72	80	25	10	5
....	....	....	15	5
....	....	....	15	5



WATERMELON. (German, *Wassermelone*; French, *Melon d'eau*.) One ounce for 30 hills.

DUKE JONES. (New.) See page 3.
COLE'S EARLY. (New.) See page 3.
SWEET HEART. (New.) See page 3.
Vick's Early. See page 23.
Phinney's. For hardiness, vigor and productiveness unexcelled; early, reliable, red fleshed.
Kolb's Gem. See page 23.
Rattlesnake. The long, large, mottled-green watermelon of commerce; very popular.
Ferry's Peerless or Ice Cream. Large, early, very sweet, very prolific.
Dixie. (New.) See page 23.
Vaucluse. (New.) See page 23.
Ruby Gold. (New.) See page 23.
New Gragg. (New.) See page 23.
Seminole. See page 23.
Green and Gold. (New.) See page 23.
Jordan's Gray Monarch. Skin, mottled gray in color; flesh, bright crimson; sweet, delicious flavor.
Icing or Ice Rind. Oblong; rind, light green; white seeded; of good size, fine flavor, very prolific.
Honey. One of the earliest. Medium sized, yellow fleshed, deliciously sweet.
Dark Icing. See page 23.
Gipsy. Very large, very productive. The principal variety grown in N. J. and sent to Northern markets.
Mountain Sweet. An old standard variety; early, solid, sweet, delicious; fine for Northern cultivation.
Florida Favorite. See page 23. Our stock is direct from the originator.
Pride of Georgia. Dark green, grows large, firm fleshed, good shipper, crisp and sweet.
Iron Clad. So called because they handle well; resembles Gipsy; red fleshed, delicious.
"The Boss." Dark skinned, medium sized, medium early, leads in appearance and eating quality.
Sealy Bark. Skin rough looking; remains in eating order long while after gathering.
Cuban Queen. A large mottled green round variety; red fleshed, solid; fine quality.
Odella. Early; of large size; dark green in color; round in shape; good in quality.
Cream-fleshed Sculptured Seeded. Of fine quality; seeds curiously sculptured.
New Orange. Improved in size; the rind will peel like an orange when fully ripe.
Citron. For preserves only; hardy and very productive.

1 17	1 25	40	25	15
....	....	50	25	10
1 92	2 00	60	30	15
57	65	20	10	5
52	60	18	10	5
52	60	18	10	5
52	60	18	10	5
52	60	18	10	5
72	80	25	10	5
72	80	25	10	5
67	75	25	10	5
82	90	28	10	5
52	60	18	10	5
62	70	20	10	5
57	65	20	10	5
82	90	28	10	5
67	75	25	10	5
52	60	18	10	5
52	60	18	10	5
62	70	20	10	5
62	70	20	10	5
62	70	20	10	5
62	70	20	10	5
52	60	18	10	5
52	60	18	10	5
57	65	20	10	5
67	75	25	10	5
67	75	25	10	5
72	80	25	10	5
67	75	25	10	5

MUSHROOM SPAWN. Full directions for cultivation on label.

French	37	45	....	....
English	15	23	....	....

 **Solomon Starr, Iradell, Tex., writes:** "Have found your seeds reliable for twenty-two years." 

MUSTARD. (German, *Seuf*; French, *Moutarde*.) For Ground Mustard, see page 26.

Sow in drills one foot apart, and cover seed half-inch deep. Thrives readily in almost any soil. Water frequently in dry weather, and for a succession sow every two weeks during the season. Used principally for salads.

Chinese. A fine sort for greens..... 82 90 28 10 5
White or Yellow. For salad or medicinal purposes..... 32 40 15 10 5

NASTURTIUM. (German, *Indianische Kresse*; French, *Capucine*.)

Plant in May in rows; the climbing varieties to cover some arbor or fence, or climb or twine around the house; the dwarf kind in hills or in rows two feet apart. The leaves are used for salad, and the seeds, when soft enough to be easily penetrated by the nail, for pickles. If each plant of the dwarf variety is allowed room to perfect itself, the plants grow very symmetrical.



Tall. An ornamental climber..... 1 32 1 40 48 20 5
Dwarf...... 1 32 1 40 48 20 5

OKRA or GUMBO. (German, *Esbarrer*; French, *Gumbo*.)

Select warm and rich soil, and plant when the ground becomes warm, in rows two feet apart, thinning plants a foot apart in the row. The pods are used to thicken soups, being gathered when young. In the North they require the warmest locations, and it is better to start them in a hot-bed. The seeds are a long time in germinating.

Improved Early Dwarf. Grows but about fifteen inches high, and bears numerous long pods..... 42 50 18 10 5
Early Dwarf. White, small, and round; pods smooth..... 42 50 18 10 5
White Velvet. Pods smooth, exceedingly tender and well-flavored; very prolific..... 42 50 18 10 5
Long Green. Later and more productive..... 42 50 18 10 5

ONION. (German, *Zweibel*; French, *Oignon*.) (For full description of many varieties see pages 24-26.)

 No discount on Onion Seed of our own growing. 

In some parts of the country the term "Silver-Skin" denotes a white variety, in other parts a yellow variety. Please indicate in your order which you want. The soil should be free from large stones. Apply from eight to twelve cords of rich, fine compost to the acre. Plough not over five inches deep, and work well with cultivator. Plough again at right angles with first furrows, and cultivate again. Now rake level and fine, and plant seed in rows fourteen inches apart at rate of four pounds to the acre. Keep very clean of weeds. When ripe, pull and dry very thoroughly before storing. For full particulars, see our work on "Onion Raising." Plant onion sets two inches apart in rows a foot apart. To grow sets, plant the seed at the rate of thirty to sixty pounds to the acre.

Early Flat Red. A capital sort where the seasons are short. (*Our own growing*)..... 2 42 2 50 73 25 10
Early Yellow Cracker. An improvement on Large Yellow, being much earlier. (*Our own growing*)... 2 42 2 50 73 25 10
Early Round Yellow Danvers. (True.) Large, round, profitable. (*Our own growing*)..... 2 92 3 00 98 30 10
Southport Early Red Globe. (New.) (*Our own growing*)..... 2 17 2 25 58 20 5
Early Red Globe Danvers. Early; most productive and handsomest of the reds. (*Our own growing*)... 2 17 2 25 58 25 10
Philadelphia White. The best variety to grow sets from..... 3 42 3 50 1 10 35 10
White Portugal. Very early; mild flavored; not a good keeper..... 3 17 3 25 1 00 30 10
Yellow Strasburg or Large Yellow. A late standard variety..... 1 52 1 60 55 20 5
Southport White Globe. The favorite in N. Y.; would not advise growing it north of Southern Conn... 3 42 3 50 1 10 35 10
Southport Late Red Globe. A great cropper; is late; would not advise to raise north of Southern Conn. 1 92 2 00 58 20 5
Large Red Wethersfield. Time-honored variety. Very large, pleasant flavored, and keeps well..... 1 50 1 58 48 20 5

Foreign Varieties. These need to be sown thicker than the other sorts.

Barletta. See page 25..... 2 42 2 50 73 25 5
White Pearl. The earliest of the *large-sized* white varieties..... 2 92 3 00 98 30 10
New Queen. A new white onion, excepting Barletta the earliest of all. As fine as it is early..... 1 92 2 00 58 25 5
White Dutch. See page 25..... 1 92 2 00 58 25 5
Large Flat White Italian. See page 25..... 1 92 2 00 58 25 5
Prizetaker. (New.) See page 24..... 2 92 3 00 98 30 10
Mammoth Tripoli. One of the largest of the giant foreign varieties; light red and of mild flavor..... 1 92 2 00 58 20 5
Giant Rocca. A new Italian variety. Of the mammoth class, reddish yellow in color..... 1 27 1 35 40 20 5

Onion Sets, Etc.

White Multipliers. (New.).....per peck, express, \$2.00; qt., express, 40c.; qt., mail, 52c.
Potato Onions. The bulbs of these are planted.....per peck, exp., \$1.50; qt., exp., 33c.; qt., mail, 45c.
White.....Prices (subject to change) per bush., \$5.50; peck, \$1.60; qt., exp., 33c.; qt., mail, 45c.
Yellow.....Prices (subject to change) per bushel, \$4.50; peck, \$1.50; qt., 28c.; mail, 40c.
Egyptian, or Perennial Tree. (New.) For prices see page 24. Ready from middle of August.....

PARSLEY. (German, *Petersilie*; French, *Persil*.)

Select rich soil and sow the seed in drills, one foot apart, covering half-inch deep. The seed is usually from fifteen to twenty-five days in vegetating. Thin plants to four inches apart when two inches high. The beauty of the plant may be increased by several successive transplantings. It is used principally for flavoring soups, etc., and garnishing in its natural state; also for edgings in flower gardens and for bouquets.

Beauty of the Parterre. Most beautiful foliage of intricate quilled leaflets..... 30 10
Plain or Single...... 52 60 18 10 5
New Perpetual. This variety does not tend as much as the others to run to seed..... 92 1 00 28 15 5
Fern Leaved. A most beautiful, mossy sort; valuable for decoration..... 92 1 00 28 12 5
Dwarf Curled. Finely curled; good for edging or table ornament..... 92 1 00 28 12 5
Myatt's Garnishing. Double curled..... 92 1 00 28 12 5
Carter's Champion. Moss Curled; elegant for garnishing..... 92 1 00 28 12 5
Carter's Covent Garden Garnishing. Probably the best of its type..... 92 1 00 28 12 5

PARSNIP. (German, *Pastinake*; French, *Panais*.)

Give the richest and deepest soil to the long varieties of Parsnip; the Turnip sort will grow well on shallow soil. Make the soil very fine, and plant the seed early in rows eighteen inches apart, thinning plants to five inches in the rows. The seed should be planted half-inch deep. To keep well in the ground over winter, draw a little earth over the tops. One ounce to one hundred and fifty feet of drill.

Round Early or Turnip. A new French sort; excellent for shallow soil, shaped like a turnip..... 62 70 20 10 5
Large Dutch. Large and sweet. A standard kind..... 52 60 18 10 5
Abbott's Improved Hollow Crowned. The best Hollow Crowned; considered superior in quality..... 52 60 18 10 5
Maltese. A new long English variety..... 52 60 18 10 5

James Galbraith, Dansville, N. Y., writes: "Have used your seeds for twenty years; they are always reliable."

PRICES OF SEEDS.

PEAS. (German, *Erbse*; French, *Pois*.)

Of the numbers printed against the Peas, 1 indicates first early class; 2, second early; and 3, late class. Those marked with a star (*) are wrinkled varieties, the sweetest of all, but, being liable to rot, need to be planted thicker and later than the round sorts.

Very Dwarf. (Under one foot. These very low varieties require no sticking.)

While the tall sort will run too much to vine if liberally manured (it being better to depend upon the richness of land that has been previously in good cultivation), the dwarf varieties, on the contrary, will bear pretty liberal manuring. Have the dwarfs, that grow not over fifteen inches high, in rows two feet apart; those varieties attaining the height of from two to three feet, in rows three feet apart; and the rows of the tallest sort, four feet apart. One quart to 100 feet. Seventy samples planted at same time in our experimental garden gave us a continuous supply for six weeks for family use.

	peck exp.	bush exp.	qt. exp.	qt. mail.	pkg.
1. *American Wonder. See description on page 27. Headquarters stock; warranted true.....	1 90	6 50	35	50	10
1. *Nott's Excelsior. (New.) See page 27. This will lead the list as a first early, very dwarf.....	3 25	12 00	65	80	10
1. *Carter's Extra Early Premium Gem. Improvement on Little Gem. More prolific, longer podded....	1 60	5 50	30	45	10
1. *McLean's Little Gem. A wrinkled pea nearly as early as Tom Thumb; quality first rate.....	1 60	5 50	30	45	10
1. *King of the Dwarfs. See page 27.....	2 00	7 00	35	50	10
1. *William Hurst. A critical neighbor of ours will have this as the best early dwarf wrinkled pea.....	2 00	7 00	35	50	10
1. Improved Tom Thumb. One of the earliest; pods well filled; very productive.....	1 60	5 50	30	45	10
1. McLean's Blue Peter. Early; of fine quality; pods larger than Tom Thumb, but not so numerous.....	1 50	5 00	25	40	10
1. Extra Early Very Dwarf Edible Pod. The earliest of all the edible pod varieties.....	.....	.....	45	60	10
1. Early Prize. See page 28.....	1 50	5 00	25	40	10

Dwarf. (From 2½ to 3 feet.)

All varieties under this class will do without bushing, but on rich garden soil will generally do better bushed.

1. *STATION. (New.) See page 5.....	3 50	.....	60	75	15
1. Sunol. (New.) See page 28.....	1 50	5 00	25	40	10
1. Hancock. A new seedling of American origin. A first early; first-class for early market. See page 27..	1 50	4 50	25	40	10
1. Bergen Fleetwing. See page 28.....	1 50	5 00	25	40	10
1. Extra Early Dan O'Rourke. One of the earliest standard market varieties; very productive.....	1 20	3 75	25	40	10
1. Philadelphia Extra Early. The standard early variety in Philadelphia markets.....	1 20	3 75	25	40	10
1. Kentish Invicta. Very early, and of great promise. Crop ripens all together.....	1 25	4 00	25	40	10
1. *Laxton's Alpha. The best early wrinkled market pea. In yield it probably surpasses any early sort....	1 25	4 00	25	40	10
1. Alaska. This being a blue pea is of fine quality, besides being extra early.....	1 25	4 00	25	40	10
1. Earliest of All. Very early; blue seeded, and of rich flavor.....	1 25	4 00	25	40	10
1. Maud S. First rate, as early as Hancock, with larger pods.....	1 50	4 50	25	40	10
2. *Bliss' Abundance. See page 27.....	1 25	4 00	25	40	10
3. *Bliss' Ever-Bearing. Very productive; peas large and delicious; continues well in bearing.....	1 25	4 25	25	40	10
2. *Hosford's Market Garden. See page 28.....	1 50	4 50	25	40	10
2. *McLean's Advancer. Now recognized as the standard second early market Fourth of July pea.....	1 25	4 00	25	40	10
2. *JUNO. See page 28. Pods and peas of large size. For the home garden.....	.....	.....	50	65	15
2. *Shropshire Hero. This follows Advancer, growing larger pods of finest flavor, 2½ feet.....	2 00	.....	35	50	10
2. *Delicious. See page 28. This is one of the latest sorts.....	1 25	4 00	25	40	10
3. Carter's Pride of the Market. A late, long-podded English variety, of robust habit, very productive....	1 60	5 50	30	45	10
2. Fill-Basket. A large very handsome and productive sort; very prolific.....	1 25	.....	25	40	10
2. *Dwarf Champion. See page 28.....	1 75	6 00	30	45	10
2. Brown's Dwarf Marrowfat. The earliest of all marrowfats; dwarfish habit. Fine American variety..	1 25	4 00	25	40	10
2. *Yorkshire Hero. Large, late wrinkled dwarf; peas remarkably large; capital sort for kitchen garden..	1 25	4 50	25	40	10
3. *Paragon. (New.) See page 28.....	2 00	.....	45	60	10
2. *Heroine. (New.) See page 28.....	.....	.....	50	65	10
3. *Carter's Stratagem. Long-podded; very large peas; for the family garden; not absolutely pure.....	1 75	6 00	35	50	10

Tall Varieties.

3. Marblehead Early Marrowfat. (New.) See page 27.....	1 75	6 00	35	50	10
3. *Telephone. See page 27.....	1 50	5 00	30	45	10
3. Tall Butter Sugar. This with its thick, pulpy, large pods is to be cooked pods and all.....	.....	.....	45	60	10
3. *Champion of England. An old favorite; rich flavored and very productive. Four to five feet.....	90	3 25	25	40	10
3. Black-Eyed Marrowfat. An old favorite; large-podded; prolific; capital for market. Three to four ft.	75	2 25	20	35	10
2. Royal Dwarf Marrowfat. Not so tall as Large White Marrowfat; earlier than Champion of England....	75	2 25	20	35	10
3. Large White Marrowfat. A standard late sort.....	75	2 25	20	35	10

PEPPER. (German, *Pfeffer*; French, *Piment*.)

Peppers should be started in a cold frame or hot-bed. Transplant the young plants into the open ground towards the close of May, in a very warm location, having the rows eighteen inches apart; thin plants a foot apart in the rows. The ground should be made very rich, either by high manuring before plants are transplanted, or by liberal application of guano, liquid manures afterwards. One ounce to fifteen hundred plants.

	lb. exp.	lb. mail.	lb.	oz.	
Cardinal. (New.) See page 26.....	2 92	3 00	98	30	10
Squash or Flat. The variety generally planted for family use; large and thick-fleshed; best for pickling....	2 42	2 50	73	25	10
Large Bell. A standard sort.....	2 42	2 50	73	25	10
Large Sweet Mountain. Very large, and excellent for mangoes.....	2 42	2 50	73	25	10
Ruby King. See page 26.....	2 92	3 00	98	30	10
Child's Celestial. Beautiful. Fruit, two inches long, creamy white, changing to deep scarlet.....	2 92	3 00	98	30	10
Procopp's Giant. One of the largest; flesh thick, glossy scarlet, sweet and mild. A mango variety.....	2 92	3 00	98	30	10
Spanish Monstrous. On good soil will grow six inches long and two inches in diameter.....	2 92	3 00	98	30	5
Long Red or Santa Fe. The standard long red.....	2 42	2 50	73	25	5
Cherry. Small, smooth, and round; a great bearer.....	2 42	2 50	73	25	10
Cayenne. Small, long, and tapering; very hot; best for seasoning pickles.....	2 42	2 50	73	25	10
Chili. Sharply conical, about two inches in length, one half inch in diameter. Brilliant scarlet when ripe....	2 42	2 50	73	25	5
Red Cluster. This resembles the Chili, but fruits in cluster on the ends of the branches.....	2 42	2 50	73	25	5
Black Nubian. Useful, ornamental. Fruit of a deep coal black color turning to a rich maroon... pkg. only	.....	.....	.....	.....	10
Golden Dawn Mango. Bell shaped; remarkably prolific and of a magnificent yellow color.....	2 42	2 50	73	25	10

POTATOES. (German, *Kartoffel*; French, *Pomme de Terre*.) See pages 4, 29, 30, and 31.**PUMPKIN.** (German, *Kürbin*; French, *Courge*.) Cultivate as squash, which see for general directions.

Gibson. (New.) See page 32.....	72	80	23	15	5
Sugar. First rate for table or stock. See page 32.....	67	75	23	10	5
Cheese. Popular in the Middle States. Cheese-shaped, resembling in character the Crookneck Squash.....	42	50	18	10	5
Large Field. Good for stock; plant it amongst the field corn.....	32	40	.....	10	5
Japanese. Shaped like Crookneck and Cashaw, but finer and sweeter; seed peculiarly marked.....	.....	.....	.....	15	5
Negro. The true old-fashioned black-warted shelled pumpkin, auld lang syne pie variety.....	82	90	28	12	5
Mammoth Red Etampes. (New.) See page 32.....	1 17	1 25	38	15	5
Michigan Mammoth. Excellent for stock. Grows very large, is a heavy cropper. See page 32.....	67	75	23	10	5

Enos Benbow, Knightstown, Ind., writes: "Your seeds have given me perfect satisfaction."

PRICES OF SEEDS.

RADISH. (German, *Rettig*; French, *Radis*.)

For early use sow in spring as soon as the ground can be worked, in drills six to ten inches apart, covering seed half-inch deep. Thin plants an inch apart in the row. As the roots are more succulent and tender when grown quickly, a rich, light soil should be preferred, and frequently watering in dry weather will be found beneficial. For a succession, sow every two weeks. The olive-shaped varieties are more tender, sweeter, and earlier than the long kinds, and not so apt to be worm-eaten. One ounce for one hundred feet of drill.

	lb. exp.	lb. mail.	1/2 lb.	oz.	pkg.
Strasbourg. See page 33.....	62	70	20	10	5
Long Brightest Scarlet. (New.) See page 33.....	72	80	23	10	5
Ne Plus Ultra. Deep Scarlet. (New.) See page 32.....	92	1 00	28	15	10
Early White Short Leaved. See page 33.....	72	80	23	10	5
Earliest Erfurt Scarlet Turnip. Short leaved; extra early; medium scarlet; for glass or open air.....	72	80	23	10	5
Early Scarlet Olive Shaped. French seed. Very early and handsome; quick growth, tender, excellent.....	57	65	18	10	5
French Breakfast. French seed. A beautiful variety of the Olive Radish, scarlet body and white root.....	57	65	18	10	5
Red Turnip-Rooted. Early scarlet. French seed. Standard early, popular in markets of New York.....	57	65	18	10	5
Scarlet Turnip, White Tipped. French seed. The name defines this elegant new turnip radish.....	72	80	23	10	5
Deep Blood Red. Early, deep blood red, oblong, turnip shaped, of fine quality.....	72	80	23	10	5
Beckert's Chartier. French seed. See page 32. This does not grow pithy as it grows large.....	62	70	20	10	5
Boston Long Scarlet. The longest of the long scarlets; fine quality stock from headquarters.....	92	1 00	28	15	5
Carter's Selected Long Scarlet. Messrs. Carter & Co.'s best. Favorite with Boston market gardeners.....	57	65	18	10	5
Wood's Fine Frame. For cultivation under glass; very early. Shaped between Olive and Long.....	52	60	18	10	5
Covent Garden or Long Scarlet Short Top. French seed. The standard long scarlet variety.....	57	65	18	10	5
Golden Yellow Summer Turnip. French seed. (New.) See page 33. Color very rich; very earliest.....	72	80	23	10	5
White Turnip-Rooted. French seed. For summer and winter use.....	60	68	18	10	5
Black Spanish. The round variety; for winter use.....	60	68	18	10	5
Giant White Stuttgart. French seed. See page 32.....	62	70	20	10	5
Chinese Rose Winter. French seed. The best for winter use. Grows large and tender.....	72	80	23	10	5
Large White Russian or California Winter. French seed. A winter sort eight to twelve inches long, and two inches in diameter. From the Chinese in California. An acquisition.....	72	80	23	10	5

RHUBARB. (German, *Rhabarber*; French, *Rhubarb*.) For prices of roots, see page 51.

Sow the seeds in drills eighteen inches apart, and cover one inch deep. Thin the plants to a foot apart. When the plants are one year old, prepare the ground for the final bed by trenching two feet deep, mixing a liberal quantity of manure with the soil. Set plants five feet apart each way. Do not cut until the second year, and give a dressing of manure every fall. If it is desired at any time to increase the bed, the roots may be taken up in the spring and divided. The seed will not always give plants like the parent.

Mammoth. The largest of all.....	.....	.....	.....	.....	10
Linnaeus. Large, tender, and of excellent flavor. A well-known market variety.....	1 42	1 50	48	20	10

SALSIFY or VEGETABLE OYSTER. (German, *Bocksbart*; French, *Salsafis*.)

Sow in early spring, in light rich soil, in drills fourteen inches apart, and thin the plants to three inches in the row. The roots will be ready for use in October, and will sustain no injury by being left in the ground during the winter. When cooked, the flavor somewhat resembles the oyster.

Common.	92	1 00	28	15	5
Mammoth Sandwich Island. Grows much larger and smoother than the common; the popular variety.....	1 32	1 40	48	25	10

SORREL. (German, *Sauerampfer*; French, *Oseille*.) **Large Leaved French.**

Sow in hot-bed early in the spring, and transplant to the open ground, on warm mellow soil, when the ground has become warm, setting the plants in rows two feet apart, and about sixteen inches apart in the row. As the seed is rather slow to germinate, it should be watered liberally in the hot-bed.

SPINACH. (German, *Spinat*; French, *Epinard*.) Liberal quotations for Spinach in quantities on application.

For summer use sow early in spring, in drills, eight inches to one foot apart, covering the seed one inch deep. Select rich soil, and manure liberally. A succession may be obtained by sowing at intervals of two weeks through the season. For very early spring use, sow in August. The plants are sometimes protected through the winter by a thick covering of straw, or some similar light covering. Spinach is used principally as greens for boiling, and is very highly esteemed for this purpose. One ounce for one hundred feet of drill.

AMERICAN GROWN BLOOMSDALE. (New.) This is preferred by many market gardeners.....	42	50	15	10	5
Round-Leaved. The popular summer variety.....	27	35	15	10	5
Long Standing. As its name implies, the latest in seeding, consequently the best for garden use.....	27	35	15	10	5
Bloomsdale. Having a springy leaf, it lies lighter and keeps longer after cutting.....	27	35	15	10	5
Extra Large Round-Leaved. Grows to a large size.....	27	35	15	10	5
Prickly Seeded. The hardest variety; thick leaved. For fall sowing.....	27	35	15	10	5
New Zealand. Makes large plant; endures draught; best quality. Thought to promise well as forage plant.....	75	83	25	10	5

SQUASH. (German, *Garten-Keurbiss*; French, *Courge*.)

All vines delight in warm and rich soil. Prepare the ground by thoroughly pulverizing. Manure at rate of six or eight cords to the acre, working it just under the surface with the cultivator or gang plough. Plant in hills nine to ten feet apart for running varieties, and five or six feet apart for bush sorts; work some rich, fine manure into each hill. Leave two plants to the hill. Keep well covered with plaster or air-slacked lime in early stages of growth. Cultivate frequently until runners are well started. For full particulars in every department, see our work, "Squashes, and How to Grow Them."

White Early Bush. The earliest sort.....	52	60	18	10	5
Summer Crookneck. Early, fine for summer use.....	52	60	18	10	5
Golden Bush. A fine early summer sort.....	52	60	18	10	5
Italian Green Striped. The bush squash of Italy. Long, green, yellow striped.....	.....	.....	.....	25	5
Strickler Summer. (New.) See page 33.....	72	80	23	15	5
Dunlap's Early Prolific Marrow. See page 33. Can be planted later than Boston Marrow.....	72	80	23	10	5
Fordhook. Small cream colored, long in shape; of crookneck flavor; for family use; very prolific.....	.....	.....	.....	20	5
Boston Marrow. A standard fall squash; of a rich orange color, and very productive. Sweet and dry.....	52	60	18	10	5
American Turban. Decidedly the best of all fall squashes. See page 34.....	52	60	18	10	5
The Faxon. (New.) See page 35.....	1 92	2 00	60	25	10
Essex Hybrid. See page 35.....	72	80	23	10	5
Warren. (New.) See page 33.....	92	1 00	28	15	5
Bay State. See page 35.....	72	80	23	10	5
White Chestnut. See page 33.....	92	1 00	28	12	5
Marblehead. For full description, see page 34.....	72	80	23	10	5
"The Butman." See page 34. Supremely excellent in December.....	72	80	23	10	5
Hubbard. Our introduction; now the standard winter squash throughout the United States.....	92	1 00	28	15	5
Sibley or Pike's Peak. See page 34.....	72	80	23	10	5
Cocoanut. See page 34.....	75	83	23	10	5
Mammoth Yellow or Chili. Has been grown to weigh from 100 to 300 pounds. See page 33.....	92	1 00	28	15	10
Canada Crookneck. The small, well-known, excellent kind.....	72	80	23	10	5
Large Winter Crookneck. The old standard sort, the best of keepers; coarse grained. See page 35.....	72	80	23	10	5

A. B. Bunker, Eastbrook, Me., writes: "I have used your seeds for 22 years; they are the best."

PRICES OF SEEDS.

SUNFLOWER. Sow thinly in drills three feet apart, and thin to two or three feet apart in the row.

Common..... 27 35 15 10 5
Mammoth Russian. A fine variety. Valuable for poultry or vegetable oil. Flowers and seed very large. 27 35 15 10 5

SWISS CHARD.

Cultivate as beets. The tops while young are boiled as greens, centre leaf cooked, and served like asparagus.

Ornamental Varieties. The leaf veins are white or brilliant scarlet and yellow; highly ornamental. 15 5
Common Chard..... 72 80 25 15 5

TOMATO. (German, *Liebes-Apfel*; French, *Tomate*.)

All of the list below, with but few exceptions, are of our own growing or grown for us by the originator.

Sow the seed in March and April in the hot-bed, or in pots in a sunny exposure in the house. If it is desired to make very healthy, stocky plants, they may be transplanted or repotted when about two or three inches high. When five or six inches high, if the ground has become warm, transplant to the open ground, on a rainy or cloudy day, if possible, if not, the young plants should be liberally watered and shaded from the hot sun. If it is desirable to have the fruit ripen as early as possible, in preference to a heavy crop, select rather light, poor soil, and a sunny location. Trimming off the laterals, training to a stake, and propagating by slips, are believed by many to promote earliness. Set the plants four feet apart each way, upon mounds of earth, to allow the foliage to open and let the sun in amongst the fruit. A cheap trellis, made by driving three stakes around the plants and encircling them with three or four barrel hoops, makes a very nice support for training them on.

LANDRETH'S HYBRIDS. No. 1. (New.) See page 4..... package only 25

LANDRETH'S HYBRIDS. No. 6. (New.) See page 4..... package only 25

MAULE'S NEW IMPERIAL. (New.) See page 4..... 3 pkgs. for 50 cts.; 7 pkgs. for \$1.00. 20

BOND'S EARLY MINNESOTA. (New.) See page 5..... 50 10

Earliest of All. Tested in 1893, the earliest of ninety varieties; flat round; very productive. 1 23 40 10

Atlantic Prize. See page 35..... 2 42 2 50 73 25 5

Comrade. (New.) See page 35. This variety is remarkable for its smoothness and comely shape. 1 00 30 10

Royal Red. (New.) See page 36..... 1 92 2 00 58 20 5

Cumberland Red. (New.) See page 36..... 1 92 2 00 58 20 5

Belmont. (New.) A sport from Paragon, but much earlier; vigorous vine, very prolific. 1 92 2 00 58 20 5

Canada Victor. Of our introduction fifteen years ago. For early and smooth it holds its own. 2 17 2 25 63 25 5

General Grant. Smooth, symmetrical, and solid. A popular market sort around Boston. First early. 2 17 2 25 63 25 5

Alpha. A first early variety. 2 17 2 25 63 25 5

Early Ruby. See page 36..... 2 17 2 25 63 25 5

Mitchell's New. (New.) See page 36..... 2 17 2 25 63 25 5

Red Cross. See page 35..... 2 17 2 25 68 25 5

The Lorillard. Best for forcing, fine flavor and solid fruit, and fine shipping constitution. 30 5

Dwarf Champion. See page 36..... 2 42 2 50 73 25 5

Volunteer. A cross of Canada Victor, Trophy, and Perfection. Color, bright red; smooth and handsome. 2 42 2 50 73 25 5

The Aristocrat. (New.) See page 36..... 2 42 2 50 73 25 5

Buckeye State. (New.) See page 36..... 2 42 2 50 73 25 5

Optimus. Medium scarlet, vigorous, healthy, smooth, productive; free from rot; good size. 2 42 2 50 73 25 5

Mikado or Turner's Hybrid. Of the Trophy class, very large, solid, good flavor, heavy cropper. 2 42 2 50 73 25 5

Essex Hybrid. Earliness, deep purple color, handsome form, and good size make this popular. 2 42 2 50 73 25 5

Paragon. Supply directly from Livingston, his first, and one of his best. A standard at the South. 1 92 2 00 58 20 5

Livingston's Beauty. See page 35..... 1 92 2 00 58 20 5

Cardinal. Color, cardinal red; medium early, fruit large; ripens evenly. 1 92 2 00 58 20 5

Livingston's Perfection. Splendid for canning or shipping; blood red; directly from originator. 1 92 2 00 58 20 5

Livingston's Favorite. See page 36. Supply directly from the originator. 1 92 2 00 58 20 5

Burpee's Matchless. Second early, large sized, smooth form, handsome color. Try it. 1 92 2 00 58 20 5

Livingston's New Stone. See page 36..... 2 42 2 50 68 25 5

Ignotum. Second early, good sized, nearly round, very solid, fine flavor. 1 92 2 00 58 20 5

Livingston's Acme. Supply directly from the originator. Differs from the Paragon in color only. 1 92 2 00 58 20 5

Ponderosa. (New.) Monstrous; inclined to rot; better for show than use. package only 5

Trophy. This magnificent variety is particularly valuable in the home garden. 1 92 2 00 58 20 5

Yellow Victor. A beautiful medium size, golden-yellow, almost perfection in shape. 1 92 2 00 58 20 5

Potato Leaf. Leaves resemble potato, purple, second early, great cropper. 1 92 2 00 58 20 5

Peach. Much resembles a peach. 25 5

Improved Ground Cherry. See page 35..... package only 10

Yellow Fig. Pear shaped, and used to preserve as figs. 1 92 2 00 58 20 5

Cherry. Flavor unsurpassed. Fruit small, but a wonderful cropper. package only 5

Yellow Plum. Small, elegant. Nice for preserves 20 5

Currant. Very elegant; resembles long bunches of currants; for ornament only. package only 10

TURNIP. (German, *Rube*; French, *Navet*.) When ordering please designate English or Swede.

For early use sow the small sorts as soon as the ground can be worked in the spring, in drills fourteen inches apart, the Ruta-bagas thirty inches. As the seed is very fine, it should be covered but slightly, excepting in very dry weather. Select light, if possible, new soil, and manure with plaster and ashes, or phosphates. Should the young plants be troubled with insects, a sprinkling of the same will be found beneficial. Of the early varieties thin the plants to six inches apart, and the Ruta-bagas to one foot. For fall and winter use the early kinds should be sown from the middle of July to the middle of August, and the Ruta-bagas from the middle of June to the first of July, using from one to one and a half pounds of seed to the acre. Turnips are extensively used as winter feed for cattle and sheep. "Swede" and "Ruta-bagas" being synonymous terms, the names below, given as they are generally used, will be readily understood. The English varieties are almost exclusively used for early planting for market. One ounce to one hundred and fifty feet of drill.

English Varieties.

SCARLET KASHMYR. (New.) See page 5..... 25 10

WHITE MILAN. (New.) See page 5..... package only 10

Purple Top Milan. See description on page 37. Seed very scarce this year. 92 1 00 28 15 5

Purple Top Munich. A very early deep Purple Top variety, earlier than Red Top. 45 53 18 10 5

Early White Dutch or Early Flat Dutch. Sharp leaves, small neck and top, color clear white, desirable. 45 53 18 10 5

Early Red (or Purple) Top Flat. Fine, sweet, mild; rapid grower; very early and popular. 42 50 18 10 5

Early White Top Flat. Differs from Red Top only in color. 42 50 18 10 5

Purple Top Globe. Contesting the field with the Red Top; a fine, thick, round, quick growing variety. 45 53 18 10 5

White Stone or Snowball. A thick, early White Top. The favorite in the London market. 45 53 18 10 5

Golden Stone. A fine, oblong, yellow-fleshed variety; very handsome; an acquisition. 45 53 18 10 5

Improved Yellow Globe. Fine for family use or field culture. An excellent American variety. 42 50 18 10 5

Orange Jelly. A round, yellow, English turnip, of finer quality than Golden Ball. 42 50 18 10 5

Yellow Finland. Very elegant; less eaten by worms than most sorts. Good for the table or stock. 42 50 18 10 5

Green Top Aberdeen. Round, yellow-fleshed, and firm; a good keeper. 42 50 18 10 5

H. E. Janes, East Brimfield, Mass., writes: "I have used your seeds 15 years; they are always sure to grow."

PRICES OF SEEDS.

TURNIP — English Varieties — Continued.

	lb. exp.	lb. mail.	½ lb.	oz.	pkg.
White Egg. See page 37. Headquarters stock. Large, handsome, early; keeps first rate.....	47	55	18	10	5
Pomeranian White Globe. A very fine white globe variety; round and thick.....	42	50	18	10	5
Long White Cowhorn. A fine strain, matures quickly, carrot-shaped, fine grained, and sweet.....	45	53	18	10	5
White Tankard. In shape resembling a tankard; white-fleshed; a very heavy cropper.....	42	50	18	10	5
Jersey Navet. A new English variety of white turnip; an underground turnip; early; very sweet.....	42	50	18	10	5

Swedes or Ruta-bagas.

CARTER'S ELEPHANT. (New.) See page 5.....	92	1 00	30	15	10
American Ruta-baga. Popular among market gardeners for table and stock; flesh very solid; keeps well.....	42	50	18	10	5
Laing's Improved Swede. One of the earliest; a handsome round variety, of fine quality for the table.....	42	50	18	10	5
Improved Purple Top Swede. See page 37.....	47	55	18	10	5
Hartley's Swede. One of the largest of Swedes; short necked; round in shape; very fine; an acquisition.....	42	50	18	10	5
Skirving's Purple Top Ruta-baga. Standard field variety for stock, fine for family use; yellow-fleshed.....	42	50	18	10	5
Shamrock Swede. A popular English sort; short neck, and oblong in shape; yellow-fleshed.....	42	50	18	10	5
London Purple Top Swede. Round shape; grows larger size than Skirving's, and has a shorter neck.....	42	50	18	10	5
Carter's Imperial Swede. Messrs. Carter & Co. rank this as the best of their Swede turnips.....	42	50	18	10	5
Budlong. (New.) See page 37.....	67	75	23	12	5
White Rock. Improvement on Large White French. Less apt to grow hollow than Sweet German.....	47	55	18	10	5
Large White French, or White Swede. A white market Ruta-baga.....	42	50	18	10	5
Sweet German, or Russian. White, sweet, excellent; a first-rate keeper, from headquarters.....	47	55	18	10	5

SWEET OR POT AND MEDICINAL HERBS. Figure 1 denotes seasoning; figure 2, medicinal herbs.

<i>For Ground Sage, see page 26.</i>	lb. exp.	lb. mail.	½ lb.	oz.	pkg.		oz.	pkg.		oz.	pkg.
1 Sage (Broad Leaved).....	1 92	2 00	58	20	10	2 Saffron.....	15	5	2 Lavender.....	20	5
1 Thyme, French, high-flavored.....	.....	.....	73	30	5	2 Opium Poppy.....	30	5	1 Rosemary.....	40	5
1 Thyme, broad leaved English.....	3 00	3 08	98	30	5	1 Coriander.....	10	5	1 Sweet Fennel.....	.....	5
1 Summer Savory.....	1 00	1 08	30	15	5	1 Sweet Basil.....	20	5	2 Fenugreek.....	.....	5
1 Sweet Marjoram.....	1 42	1 50	48	20	5	1 Dill.....	10	5	2 Catnip.....	.....	5
1 Caraway.....	50	58	18	10	5	2 Hyssop.....	25	5	2 Melis Balm.....	.....	5
2 Hoarhound.....	2 85	2 93	98	30	5	2 Rue.....	25	5	2 Wormwood.....	.....	5

GRAINS, GRASSES, CLOVER SEEDS, FORAGE PLANTS, ETC.

SACALINE. (New.) See page 6. Plants, 25 cents each, per mail; 12 per mail, \$2.00; 3 per mail, 60 cents; seeds, per ounce, \$2.50.....

JAPAN MILLETS. (New.) See page 6.....

Golden Wonder Millet. (New.) See page 37.....

Wild Rice. Valuable forage plant for swamps; all kinds of stock fond of it.....

Japanese Buckwheat. See page 38.....

Silver Hull Buckwheat. Husks thinner than common sort. Stands drought first rate.....

Saskatchewan Spring Wheat. See page 38.....

Lincoln Oats. (New.) See page 37.....

Pringle's Progress Oats. (New.) See page 38.....

Race-Horse Oats. See page 38.....

Baxter's Barley. (New.) See page 38.....

Manshury Barley. (New.) See page 38.....

Spring Rye.....

Winter Rye. A fine sample.....

Amber Cane. The standard sugar variety; also much used for fodder..... per lb., per exp., 10 cts.

Orange Cane. A little later than the Amber, but richer in juice..... per lb., per exp., 10 cts.

Hungarian Grass. Magnificent forage for light land. Two crops may be grown same season.....

German or Golden Millet. Broader and stouter than Hungarian, but later.....

Timothy Grass. Scarce this year.....

Red Top Grass. Extra clean seeds, as clean as Timothy. Scarce this year.....

Orchard Grass. Scarce this year.....

Lawn Grass. Fine mixture.....

Crimson Clover. See page 38. This variety is fine for soiling cattle; has a beautiful blossom.....

Japan Clover. See page 38.....

Alsike Clover. Scarce this year.....

Red Clover. Scarce this year.....

White Clover. Scarce this year.....

Lucerne. See page 38. Scarce this year.....

Kaffir Corn. (New.) See page 38..... per peck of 15 lbs., per exp., \$1.25.

Milo Maize or Rural Branching Sorghum. See page 38..... per peck of 15 lbs., per exp., \$1.25.

Doura Yellow. See page 38..... per peck of 15 lbs., per exp., \$1.25.

Soja Beans. Late. See page 38..... per qt., per exp., 25 cts.; per mail, postpaid, 40 cts.

Soja Beans. Early. See page 37.....

Canada Field Peas. See page 38.....

Rape Seed.....

Cranberry Vines. See page 51.....

Grafting Wax..... per lb., postpaid, 40 cts.; ¼ lb., 15 cts.

Raffia, for tying, very soft and strong..... per lb., postpaid, 40 cts.; ¼ lb., 15 cts.

PRICES OF SEEDS.

per bush. weight.	peck exp.	bush exp.	3 lbs mail.	1 lb, mail.	pkg.
50 lbs.	1 50	....	75	30	15
50 "	1 50	....	60	25	10
....	....	....	90	35	10
48 lbs.	45	1 25	50	20	10
48 "	50	1 50	60	25	10
60 "	60	1 75	60	25	10
32 "	60	1 50	60	25	10
32 "	50	1 35	55	20	10
32 "	50	1 35	55	20	10
48 "	60	2 00	50	20	10
48 "	60	2 00	50	20	10
56 "	60	1 75	50	20	10
56 "	50	1 50	50	20	10
50 "	1 00	3 00	50	20	10
50 "	1 00	3 00	50	20	10
48 "	....	....	50	20	10
48 "	75	2 25	55	20	10
45 "	....	....	70	25	10
....	....	....	1 00	35	10
14 lbs.	1 00	3 50	1 25	45	10
16 "	1 25	4 00	1 00	40	10
60 "	....	....	70	25	10
....	....	....	1 00	35	10
60 lbs.	....	....	1 00	35	10
60 "	....	....	80	30	10
60 "	....	....	....	45	10
60 "	....	....	1 00	35	10
....	1 25	....	50	20	10
....	1 25	....	50	20	10
....	1 25	....	50	26	10
....	1 25	4 00	....	....	....
....	....	....	30	45	10
....	60	1 75	....	....	....
....	....	....	60	25	10
....
....

Prices for Red Clover, Crimson Clover, Lucerne, Timothy, Hungarian, Red Top, etc., in quantity, given upon application, for first quality.

INDEX TO DEPARTMENTS.

Books, second page of cover.

To Our Patrons, page 1.

Novelties, Vegetable and Flower, pages 2 to 8.

Vegetable Novelties of Previous Years, pages 9 to 38.

General Vegetable Price List, pages 39 to 51.

General List of Flowers, pages 52 to 62.

Bulbs and Shrubs, pages 63 to 66.

Small Fruits, pages 67, 68 and 69.

Implements and Requisites, pages 70, 71 and 72.

Implements and Fertilizers, third page of cover.

Collections of Vegetable Seeds. (No discount.)

No. 1.—33 PACKAGES OF VEGETABLE SEEDS FOR THE FAMILY GARDEN. Postpaid, \$1.00.

Beans, Dwarf Golden Wax.
Beans, Golden Butter Pole.
Beet, Bastian's Early.
Beet, Lentz.
Cabbage, Pixie.
Cabbage, Fottler's.
Cabbage, Prem. Flat Dutch.
Carrot, Danvers.

Celery, Dwarf Golden Heart.
Corn, Crosby's Early.
Corn, Stowell's Evergreen.
Cucumber, Imp. White Spine.
Cucumber, Boston Pickling.
Lettuce, Hanson and Silesia.
Melon, Musk, White Japan.
Melon, Water, Rattlesnake.

Melon, Water, Mt. Sweet.
Onion, Danvers Yellow.
Onion, Red Globe.
Parsnip, Abbott's.
Pepper, Bell.
Peas, Champion of England.
Peas, Advancer.
Pumpkin, Sugar.

Radish, Long Scarlet.
Radish, French Breakfast.
Sage.
Squash, White Bush.
Squash, Marblehead.
Turnip, White Egg.
Tomato, Favorite.
Tomato, Stone.

No. 2.—16 PACKAGES, POSTPAID, FOR 50 CENTS.

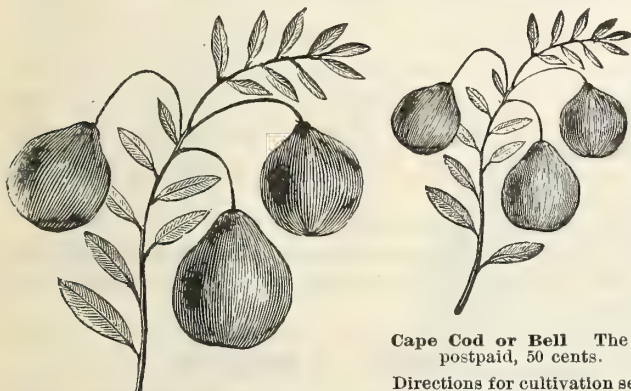
Beans, Dwarf Golden Wax.
Beet, Lentz.
Cabbage, Fottler's.
Carrot, Danvers.

Corn, Crosby's Early.
Corn, Stowell's Evergreen.
Cucumber, Imp. White Spine.
Lettuce, Hanson.

Melon, Musk, Christiana.
Melon, Water, Mt. Sweet.
Onion, Danvers Yellow.
Peas, Advancer.

Radish, Covent Garden.
Squash, Marblehead.
Tomato, Favorite.
Turnip, White Egg.

ONE PACKAGE CHOICE FLOWER SEEDS WITH EACH COLLECTION.



JOHNSON'S MAMMOTH CRANBERRY.

There are a great many varieties of the cranberry; they differ not only in size and vigor of vines, and cropping qualities, but in the form and size of the berries. Old cranberry growers are aware of this fact, and are ever on the lookout for extra large varieties. These cannot always be procured, because those who are fortunate enough to have them monopolize them. We are pleased, therefore, to be able this season to offer to our customers one of these giant varieties, Johnson's Mammoth, the berries of which are sometimes an inch in diameter. It is not only a mammoth berry, but also an enormous cropper; people coming from all the country around to see the crop, which completely covers the ground, and is the cranberry show of the region. The engraving illustrates the comparative size of Johnson's Mammoth and the common variety. Price, per 1000, postpaid, \$5.50; per express, \$5.00; per 100, postpaid, 75 cents.

CRANBERRY PLANTS.

Early Black. This variety ripens earlier than the Bell, thus avoiding early frosts. Price, per 1000, postpaid, \$4.00; per express, \$3.50; per 100, postpaid, 60 cents.

Cape Cod or Bell. The common sort. Price, per 1000, postpaid, \$3.50; per express, \$3.00; per 100, postpaid, 50 cents.

Directions for cultivation sent with each lot. No plants sent C. O. D. Prices in quantity given on application.

VEGETABLE PLANTS. (No discount.)

Grown from stock seeds supplied by us. Sent by express or freight at purchaser's expense. No plant sent C. O. D. or per mail.

All cold-frame and hot-bed plants are transplanted and well "hardened."

TOMATO. Hot-bed plants (ready in May).

	Per doz.	Per 100
New Stone.....	.30	2.00
Beauty.....	.30	2.00
Dwarf Champion.....	.30	2.00
Livingston Favorite.....	.30	2.00

CELERY. Cold-frame plants (ready in June).

	Per 100	Per 1000
White Plume.....	.75	5.50
Golden Yellow Large Solid.....	.75	5.50
Giant Pascal.....	.75	5.50

CABBAGE. Hot-bed plants (ready in April).

	Per 100	Per 1000
Early Jersey Wakefield.....	.90	6.00
Henderson's Early Summer.....	.90	6.00
All-Seasons.....	.90	6.00

CABBAGE. For late crop (ready in June).

Early Deep Head.....	.40	3.00
Warren.....	.40	3.00
All-Seasons.....	.40	3.00

Asparagus, Horse-Radish, Rhubarb Roots, Fruit and Hedge Seeds, Etc. (No discount.)

Columbian Mam. White Asparagus Roots, one year old......Price, per 100, postpaid, \$1.25; per 100, per express, \$1.00; per 1000, per express, \$7.00.
Columbian Mam. White Asparagus Roots, two years old......Price, per 100, postpaid, \$1.50; per 100, per express, \$1.15; per 1000, per express, \$10.00.
Palmetto Asparagus Roots, one year old......Price, per 100, postpaid, \$1.00; per 100, per express, 75 cts.; per 1000, per express, \$5.00.
Palmetto Asparagus Roots, two years old......Price, per 100, postpaid, \$1.35; per 100, per express, \$1.00; per 1000, per express, \$7.00.
Moore's Cross-bred Asparagus Roots, one year old......Price, per 100, postpaid, \$1.00; per 100, per express, 75 cts.; per 1000, per express, \$5.00.
Moore's Cross-bred Asparagus Roots, two years old......Price, per 100, postpaid, \$1.35; per 100, per express, \$1.00; per 1000, per express, \$7.00.
Conover's Colossal Asparagus Roots, one year old......Price, per 100, postpaid, 90 cts.; per 100, per express, 65 cts.; per 1000, per express, \$5.00.
Conover's Colossal Asparagus Roots, two years old......Price, per 100, postpaid, \$1.25; per 100, per express, 90 cts.; per 1000, per express, \$6.00.
Horse-Radish......Price, per express, per 100, \$1.00; per 1000, \$7.00; per 100, per mail, \$1.15.
Rhubarb. Victoria and Linnæus.....Price, per express, 25 cts. each; \$2.00 per doz.; per mail, 40 cts. each; \$4.00 per doz.
Nansemond Sweet Potato Slips. Prices, per express on application. Per 100, postpaid, 75 cts.; per doz., 20 cts.
Spearmint and Peppermint Roots. Recalling our grandmothers' gardens.....Each, per bunch, postpaid, 25 cts.
Prickly Comfrey Roots. See page 38.....Cuttings, postpaid, 30 cts. per doz.; per express, 25 cts.; per 100, per express, \$1.00.
Holt's Mammoth Sage Roots. These grow to double the size of the common sort; perfectly hardy.....Per root, postpaid, 25 cts.
Apple......Price, per peck, per express, \$1.75; per lb., postpaid, 40 cts.; per 1-4 lb., 15 cts.; per oz., 10 cts.; per pkg., 5 cts.
Pear......Price, per lb., postpaid, \$1.75; per 1-4 lb., 58 cts.; per oz., 20 cts.; per pkg., 10 cts.
Berberry. See page 40.
Yellow Locust. Honey Locust. Osage Orange.....Each, per lb., postpaid, 58 cts.; per 1-4 lb., 18 cts.; per oz., 10 cts.; per pkg., 5 cts.

CHOICE VARIETIES OF FLOWER SEED

WE have aimed to include in our collection of Flower Seed standard varieties, with the addition of such kinds as have proved a real acquisition in floriculture. Many varieties that are usually advertised separately we have included in a single package under the name of "mixed varieties." Our three warrants we also throw around our Flower Seed, for it is our design that they shall be equally reliable with our vegetable seed. Let us remind our friends that Flower Seed, being for the most part very small, require extra precaution in the preparation of the soil, depth of planting, and protection from extremes of cold and wet. Do not, as a rule, plant in the open ground before the weather has become settled; better wait until the middle of May. Before planting, the soil should be made very fine and be well enriched. For the smaller varieties, such as pansies, the rows may be from ten to twelve inches apart, the largest upright varieties, such as zinnias and marigolds, the rows should be fifteen to eighteen inches apart, while for running varieties, such as Verbenas, the rows may be two feet apart. Seed the size of sweet peas may be planted one and a half to two inches deep; the very smallest seed should be planted barely under the surface, having fine earth sifted over them, and slightly packed with the hand, or a strip of board pressed upon it. It will keep the moisture in, and facilitate vegetation, if a newspaper is spread over the surface after planting, and kept down with stones for a few days. Thin out the plants when very small with a bold hand, and after they have attained the height of two inches thin again boldly. Give each plant plenty of room, according to its habit of growth; a common mistake is to crowd too much. Special rates when large amounts are ordered by clubs. Terms to dealers on application.

The letter "A" annexed to the name of varieties, signifies Annual; "B," Biennial; "P," Perennial.

ANNUALS grow, bloom and die the first year from seed; BIENNIALS bloom the second year from seed, and then die; though many, if sown early in the spring, will flower the first year. PERENNIALS usually bloom the second year from seed, and continue to grow and bloom for many years. Some will also bloom the first year if sown early.

FOR NOVELTIES IN FLOWERS SEE PAGES 7 AND 8.

No. **Abronia Umbellata.** (A.) Price per pkg.
1 Handsome, trailing plants with clusters of sweet-scented, rosy-pink flowers, resembling the Verbena..... .05

Aconitum (*Monk's Hood*). (P.)
2 Grows well in any good soil, even when in the shade..... .05

Acroclinium. (A.)
Very beautiful everlasting flowers. For winter bouquets, cut as soon as they begin to expand.
3 **Acroclinium, Double.** Mixed..... .05

Adlumia Cirrhosa (*Mountain Fringe*). (B.)
4 An attractive climber, with beautiful feathery foliage and rose-colored flowers. Seeds should be sown in May, near a trellis or arbor. The plants will flower freely without further care, the following season..... .10

Adonis.
Hardy plants with delicate foliage, flowering freely, and of easy cultivation.
5 **Adonis Estivalis.** (A.) Deep crimson... .05
6 — **Vernalis.** (P.) A charming hardy variety, with large yellow flowers, blooming early in spring..... .10

Ageratum. (A.)
7 **Ageratum. Choice Mixed.** Suitable for pot culture or for bedding out, bearing in profusion clusters of feathery flowers..... .05

Agrostemma. (A.)
8 **Agrostemma. Mixed.** Very pretty, free blooming, hardy plants, growing about one foot high. Should be set five inches apart..... .05

Aristolochia.
(*Dutchman's Pipe*). (P.)
9 A beautiful hardy climber. Leaves large and luxuriant, flowers brownish yellow, in shape resembling a pipe..... .10

No. **Amaranthus.** (A.) Price per pkg.
Ornamental foiled plants. They are most brilliant on poor soil. Half hardy
10 **Amaranthus Tricolor Splendens.** The seed we offer was saved only from specimens remarkable for the brilliancy of their coloring..... .10
11 — **Bicolor Ruber.** The lower half of leaf a fiery red scarlet, the upper half maroon. It is sometimes tipped with yellow..... .05
12 — **Melancholicus.** Blood-red foliage of brilliant beauty when lighted by the sun..... .05
13 — **Salicifolius.** From its graceful appearance sometimes called "Fountain Plant." The leaves change in color from a bronzy green to a brilliant scarlet as the plant attains age..... .05

Ammobium (*Everlasting Flower*). (A.)
14 **Ammobium Alatum Grandiflorum.** Large, white-flowering variety,..... .05

Ampelopsis Veitchii.
15 For description see shrubs..... .05

Anagallis. (A.)
16 **Anagallis. Mixed.** Beautiful, trailing, hardy annuals about six inches high, desirable for small beds, edging, baskets, etc..... .05

Arabis Alpena. (P.)
17 Hardy, herbaceous plant, with pure white flowers; blooms very early in the spring; fine for borders and rock-work..... .05

Sweet Alyssum. (A.)
Very fragrant, free-flowering, pretty plants for beds, edging or rockwork. Much used for bouquets on account of their delicate, honey-like fragrance.
18 **Alyssum, Sweet. Little Gem.** (*See cut.*) Very dwarf and compact, and blooms so profusely that the plants are a solid mass of white from spring till late in autumn..... .10
19 — **Sweet. White.** Per ounce, 30 cents,..... .05
20 — **Saxatile.** (*Hardy Alyssum*.) Beautiful spring blooming variety, with flowers in large clusters of a deep pure yellow..... .05



ALYSSUM, "LITTLE GEM."

ASTERS. (A.)

No.

Price per pkg.

Sow the seed early in the spring, under glass or in pots in the house, and transplant into rich soil one foot apart.

- 21 Aster, Snowball or Princess. (See cut.) A beautiful new aster with quite short and thickly set imbricated petals. A single plant develops as many as thirty pure white flowers, which remain longer in good condition than any other variety..... .15

Aster, Ball or Jewel. (See cut.) The petals of these handsome and highly attractive new asters are so symmetrically incurved as to give them the exact shape of a ball. Flowers measure from two and one half to three inches across, and being borne on long stalks will prove very useful for cutting.

- 22 — Apple Blossom. Shell pink..... .15
23 — Deep Rose..... .15
24 — Purple-violet..... .15

25 Aster, Washington Needle. Mixed. Flowers large and double with curved petals as round as a knitting needle. Free bloomers..... .10

26 Aster, Perfection. Flesh-colored. Flowers of the delicate "blush rose" tint, and perfect in form. A great acquisition..... .15

27 — Light Yellow. Beautiful creamy yellow; quite a new color in asters..... .15

28 Aster, Goliath. An acquisition of extremely vigorous growth, forming large bushes, profusely covered with very double flowers, immense in size. The seed which we offer is a fine mixture of white, rose, dark blue, ash-gray and crimson..... .15

29 Aster, Harlequin. Dwarf in habit, flowers very double, with oddly striped petals.... .10

30 Aster, Mignon. Mixed..... .15

This new variety resembles the Victoria race, but blooms more profusely. Flowers globular and beautifully imbricated, in colors of blue, lilac, rose, carmine, crimson and white.

31 Aster, Queen of Market. Mixed. Fine in shape, and comes into bloom several weeks earlier than any other variety..... .15

32 Aster, Boston Florists'. White. The best and purest white grown for florists' use or bedding purposes. Very double and globular in form,..... .10

Aster, Truffaut's Pæony-flowered Perfection. Flowers perfect in form, size and fullness, petals incurved. We offer the following colors of this fine class.

- 33 — Snow White..... .10
34 — Fiery Scarlet..... .10
35 — Dark Blood-red..... .15
36 — Black-blue..... .15
37 — Finest Mixed..... .10

Aster, Comet. (See cut.) A beautiful new and very distinct variety, with long, wavy and twisted petals, resembling the Japanese Chrysanthemums; well-grown plants produced from twenty five to thirty perfectly double flowers, measuring from three to four inches in diameter.

38 — Improved Giant, White. The flowers are immense in size, much larger than the well-known Comets, the petals being longer and broader. The centre is formed of a great number of fine golden hair-like florets, giving it a peculiar charming beauty; these gradually unfold into regular petals and turn white..... .25

39 — Light Blue..... .15



SNOWBALL ASTER.



COMET ASTER.



ASTER, BALL OR JEWEL.

No. Price per pkg.

40 Aster, Comet. Deep Rose..... .15

41 — Pink bordered with white... .15

42 — Mixed..... .10

Aster, Washington. Very large-flowering, extra double; fine for exhibition purposes

43 — Pure White..... .20

44 — Peach Bloom. Very delicate tint..... .20

45 — Silver Gray..... .20

46 — Mixed..... .15

47 Aster, Victoria. Finest Mixed. An unrivalled and favorite class of which we have a very fine strain. Flowers very large and perfectly double, of globular shape..... .10

48 — Bordeaux Red. A peculiar brownish red..... .15

49 Aster, German, Double Quilled and Striped..... .05

50 — Betteridge's, Quilled, Sulphur Yellow. Flowers globular, quilled and very double, showing the most clearly pronounced yellow ever known among asters..... .15

51 — Pyramidal, Large and Double. Similar in style to the Pæony variety, but more branching, with splendid, large, extra double flowers. Sixteen varieties mixed. .10

52 — Hedgehog (or Needle). With white centre. Six splendid varieties mixed..... .10

53 — Giant Emperor. Mixed. Flowers few, very double, often four inches in diameter..... .15

54 — Triumph. Dark Scarlet. The most beautiful and perfect of all dwarf asters. The flowers are produced in great abundance, and are of the most faultless pæony form. Fine and effective for bedding..... .15

55 — Dwarf, Brilliant Rose. Quite vivid and striking..... .10

56 — Dwarf, Fiery Scarlet. Very brilliant..... .10

57 — Boltze's New Dwarf, Bouquet. Mixed. About eight inches high, very double, rich and free-flowering; very fine for pots or beds..... .10

58 — Globe-flowered, Double German. Twelve splendid varieties mixed..... .10

59 — All varieties mixed. Tall and dwarf, in great variety of colors..... .10

Asperula Azurea. (A.)

60 Dwarf, hardy plants with fine foliage and deliciously fragrant, bright, sky-blue flowers; well adapted for shady places..... .05

Bachelor's Button (Centaurea Cyanus). (A.)

61 A showy, hardy annual, about two feet high, succeeding well in any soil, and bearing a profusion of flowers in shades of pink, blue and purple..... .05

Balloon Vine. (A.)

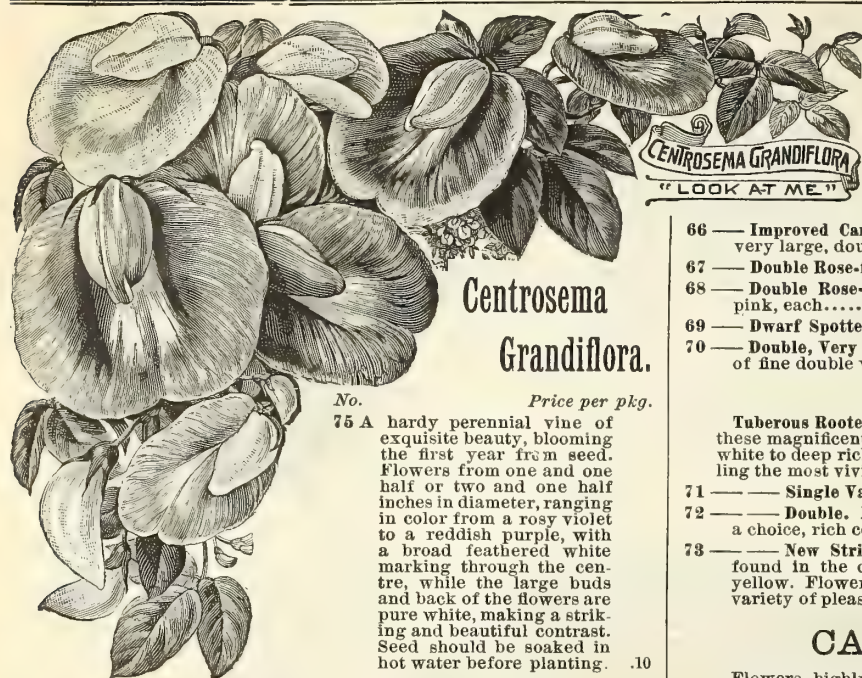
62 Ornamental climbing plant, remarkable for an inflated membranous capsule, from which it derives its name..... .05

Browallia. (A.)

63 Bushy plants completely covered with blue and white flowers throughout the summer; fine for bedding or for pot culture in the winter..... .05

Bryonopsis Laciniosa. (A.)

64 An elegant climber, with ivy-like foliage, and brilliant scarlet fruit exquisitely marked with white..... .05



Centrosema Grandiflora.

No. Price per pkg.

75 A hardy perennial vine of exquisite beauty, blooming the first year from seed. Flowers from one and one half to two and one half inches in diameter, ranging in color from a rosy violet to a reddish purple, with a broad feathered white marking through the centre, while the large buds and back of the flowers are pure white, making a striking and beautiful contrast. Seed should be soaked in hot water before planting. .10

Callirhoe. (A.)

Beautiful, hardy, free-flowering plants, beginning to bloom when small, and continuing throughout the summer and fall.

76 Callirhoe, Pedata. Rich purple crimson, with white eye..... .05
77 — Involucrata. A trailing variety of great beauty; large, purple-crimson flowers; desirable for hanging baskets..... .05

Canary Bird Flower. (A.)

78 A highly ornamental creeper, with exceedingly beautiful yellow-fringed flowers and finely divided foliage..... .05

Candytuft. (A.)

A well-known, hardy annual, very useful for bedding and bouquets, and also for pot culture.

79 Candytuft, Empress. Strong, free-growing variety, with candelabra-shaped branches, producing immense trusses of pure white flowers, very handsome..... .10
80 — New Carmine..... .10
81 — White..... .05
82 — Purple..... .05
83 — Crimson..... .05
84 — Fragrant..... .05
85 — Mixed..... .05

Canterbury Bells. (B.)

Very ornamental, growing about two feet high, producing beautiful large bell-shaped flowers.

86 Canterbury Bells, Blue, Single..... .05
87 — White, Single..... .05
88 — Double, Mixed..... .05

"Cup and Saucer" Canterbury Bells.

(C. Calycanthema.)

A beautiful new variety, strong growers, flowers large and handsome, similar in shape to a cup and saucer.

89 Calycanthema, Striped. Bells average three inches in length, and saucers three or four inches across; of a satiny lavender, spotted and striped with rich violet purple..... .15
90 — Splendid mixed..... .10

Canna.

Extremely ornamental as foliage plants, their beauty is greatly enhanced by the brilliancy of the flowers, of all shades of orange, yellow, crimson and vermilion, and many varieties are beautifully spotted. If sown in February, in hot-bed, or pots in the house, and transplanted early, will bloom in August. Soak the seed several hours in warm water.

91 Canna, Crozy's New Hybrids..... .15
Saved from the most beautiful new varieties, mostly dwarf, early bloomers, and very remarkable both for beauty and size of flowers and foliage; capital class for pots and forcing.
92 — Extra Choice. Mixed..... .10

Centranthus. (A.)

Exceedingly pretty, free-flowering plants, from six inches to one foot high, and very effective in bed or borders.

93 Centranthus, mixed rose and white..... .65

BALSAMS. (A.)

No.

Price per pkg.

Beautiful, half-hardy annuals, from one and one half to two feet in height. Sow the seed early in frames, and transplant to a well-enriched border.

65 Balsams, Improved Camellia-flowered. Finest mixed. Flowers very large and extra double..... .15
66 — Improved Camellia-flowered Deep Blood-red. Rich deep red, very large, double and full..... .15
67 — Double Rose-flowered. Very double. Splendid mixture..... .10
68 — Double Rose-flowered. Separate colors, white, purple and pink, each..... .10
69 — Dwarf Spotted. Finest mixed..... .05
70 — Double, Very fine mixed. Rich, effective, and popular mixture of fine double varieties..... .05

Begonia. (P.)

Taberous Rooted. It is impossible to overestimate the value of these magnificent flowering plants. In colors ranging from pure white to deep rich crimson, they make a gorgeous display, excelling the most vivid geraniums.

71 — Single Varieties. Splendid mixture..... .15
72 — Double. Mixed. Splendid quality, saved exclusively from a choice, rich collection..... .30
73 — New Striped Flowered. Comprising nearly all the colors found in the older varieties, and in addition, a rich chrome-yellow. Flowers flaked or striped, like a carnation, with a great variety of pleasing shades of white, yellow and red..... .40

CALCEOLARIA. (P.)

Flowers highly decorative; very desirable, indeed invaluable for the house, greenhouse and the garden. Seeds should be started in pots, but not under glass.

74 Calceolaria, Tigridus. A spotted variety, extra fine..... .25

Catchfly. (A.)

A hardy annual, about one foot high; produces brilliant flowers in great profusion, in early summer.

94 Catchfly, Dwarf, Double Pink..... .10
Charming addition to spring bedding plants, flowering early in profusion, and continuing in bloom throughout the season.
95 — Mixed..... .05

Cineraria.

96 Beautiful free-flowering plants, for greenhouse and window garden. Flowers large, of rich colors, completely covering the plant with a mass of bloom. Finest mixed varieties..... .25
97 Cineraria, Maritima. An ornamental foliage plant, with large silvery leaves, for beds and borders..... .05

CHRYSANTHEMUMS. (A.)

Handsome hardy annuals, producing quantities of large flowers of striking colors, making a brilliant display.

Single or "Painted Daisy" Varieties.

98 Chrysanthemum Eclipse. (See cut.) Golden yellow with scarlet ring and rich brown centre..... .10
99 — Lord Beaconsfield. Rich crimson-maroon, edged and striped with gold..... .10
100 — Sultan. A beautiful velvety maroon with golden rim and fine dark brown centre. Very showy..... .10
101 — Multicaule. Four inches high, with beautiful golden yellow flowers; very effective for bedding..... .10

Double Varieties.

102 — Double Yellow. Flowers globe-shaped, extremely double, and of an intense, glowing golden yellow..... .10
103 — Double Fringed, Mixed. Flowers very double, with exquisitely fringed petals, in great diversity of colors from white and yellow to blood-red and purple..... .15
104 — Double. Mixed Colors..... .05

Clarkia. (A.)

Pretty hardy annual, about eighteen inches high, blooming from June to September.

105 Clarkia, Double Carmine. Large, densely double flowers of a bright carmine color..... .10
106 — Single. Mixed..... .05



CHRYSANTHEMUM ECLIPSE.



COSMOS.

- No. **Clematis.** (P.) Price per Pkg.
 Beautiful hardy climbers, unrivalled for covering arbors, fences, verandas, etc.
 107 **Clematis Cirrhosa.** Perfectly hardy, a very rapid climber, literally covering itself with large bunches of white, sweet-scented flowers..... .15
 108 — **Graveolens.** A free-growing hardy variety, with beautiful yellow flowers, over one and a half inches broad..... .15
 109 — **Pitcheri.** Brilliant scarlet. Hardy variety of elegant habit, neat foliage..... .15

Clianthus Dampieri (Glory Pea). (A.)

- 110 Magnificent plants, with drooping clusters of large, rich, scarlet pea-shaped flowers, three inches in length. Each flower is beautifully marked with a black, cloud-like blotch. It requires a warm soil, and should be watered sparingly..... .15

Clitoria. (A.)

Free-flowering, greenhouse climbers, with large, elegant, pea-shaped flowers.

- 111 **Clitoria Celestis.** Sky blue..... .10

Cobea Scandens. (A.)

Magnificent, rapid-growing climbers, with large, bell-shaped flowers; adapted for outdoor growth in summer, also for the house and greenhouse. The seeds should be started in the house, and planted edgewise.

- 112 **Cobea Scandens.** Purple..... .15
 113 **Alba.** A white-flowered variety..... .10

Coleus. (A.) (See cut.)

Georgous colored plants, with variegated foliage, indispensable for ornamental bedding, and fine for pot culture.

- 114 **Coleus.** New, large-leaved. Selected from largest and most superbly variegated..... .30
 115 **Fine Varieties.** Mixed..... .25

Collinsia. (A.)

- 116 **Collinsia.** Mixed. Beautiful hardy annuals, very pretty when grown in a mass. Thin plants to three inches apart, .05

Cockscomb. (A.)

Hardy, attractive annuals, for bedding and pot culture.

- 117 **Cockscomb Japonica.** Scarlet..... .05
 118 — **Glasgow Prize.** Fine dwarf sort, with large crimson combs..... .10
 119 — **Cristata Variegata.** Gold and Crimson..... .10
 120 — **Crimson.** Tall, very fine (pure)..... .05
 121 — **Dwarf Mixed.** Very beautiful..... .05
 122 — **Feathered.** New, and very fine for bouquets..... .10
 123 — **Triomphe d'Exposition.** Exceedingly beautiful, bearing large feathery crimson plumes. Equally effective in groups or as single plants..... .15

Columbine (Aquilegia). (P.)

A well-known, showy, hardy perennial, about two feet high, blooming in May and June.

- 124 **Columbine Stuarti.** A fine variety bearing its nodding flowers of deepest blue, which often measure four inches across, on tall, graceful stems..... .20
 125 — **Truncata.** Red, elegantly variegated with orange and yellow..... .15
 126 — **Canadensis Nana.** Beautiful dwarf. Brilliant scarlet..... .15
 127 — **Mixed.**..... .05
 128 — **California.** Flowers waxy yellow, large and handsome..... .15

Convolvulus. (A.)

Beautiful half-hardy climbers, producing an abundance of rich colored flowers. The dwarf varieties are fine for bedding.

- 129 **Convolvulus Minor.** (Dwarf.) Mixed..... .05
 130 — **Striped.** (Dwarf.) Blue, striped with white..... .05
 131 — **Major.** (Morning Glory.) Fine varieties mixed..... .05

COREOPSIS (Calliopsis). (A.)

One of the most showy of all annuals, the colors being so striking as seldom to be passed without remark.

- 132 **Coreopsis, Drummond's.** Yellow flowers, with crimson centre..... .05
 133 — **Golden Wave.** Very bushy and compact, a mass of bright golden color from July to October. Flowers two inches across, with small, dark centres..... .05
 134 — **Mixed Varieties.** Yellow and brown and velvety brown..... .05
 135 — **Lanceolata.** (P.) The Perpetual Golden Coreopsis. Very free blooming, and lasting in its golden glory throughout the summer and fall. Unequalled for cutting. (See cut)..... .10

COSMOS. (A.)

A very effective autumn flowering plant, with beautiful foliage growing from four to six feet high, literally covered with large, single, daisy-like flowers, two to three inches round, in shades of rose, purple and white. For cutting, this is one of the finest flowers grown. Sow in March, in pots or in the hot-bed, and transplant one foot apart.

- 136 **Cosmos Bipinata, Hybrida.** (See cut)..... .05



COREOPSIS LANCEOLATA.

- 137 **Cosmos, Mammoth Perfection.** Flowers double the size of the old large flowering variety; the petals are broader and overlapping, forming a perfectly round flower, deeply ribbed and of splendid substance..... .25

Cypress Vine. (A.)

Most beautiful and popular tender climber, with very delicate, fern-like foliage and numerous flowers.

- 138 **Cypress Vine, Scarlet** Very brilliant..... .05
 139 — **White.**..... .05

DAHLIA. (P.)

Sow the seed early in pots or under glass, and transplant to strong, deep, rich soil, and plants will bloom the first season.

- 140 **Dahlia, Single Varieties.** Splendid mixture. Handsome bedding plants, and extensively used for cutting..... .10
 141 — **Variabilis Stratiflora.** A beautiful single variety, displaying the richest blending of colors, and a great many of striped, spotted, ribboned and dotted designs..... .15
 142 — **Double.** Mixed. Seeds saved from fine named sorts..... .10
 143 — **Juarez.** (Cactus Dahlia.) New varieties mixed. From a splendid collection..... .20

DOUBLE DAISY.

(Bellis Perennis.) (P.)

Charming plants for edgings and dwarf beds. Thrive well in shady places.

- 144 **Daisy, Snowball.** (See cut.) Large flowered, pure white, and extremely double with very long stems, making them valuable for cutting..... .15
 145 — **Giant Flowering.** The most gigantic flowering of all daisies, with very double blooms changing from rose to red..... .15
 146 — **Quilled, Mixed.** Flowers abundantly and in great variety of color..... .15
 147 — **"Longfellow."** Flowers of unusual size, a dark rose color..... .15
 148 — **Double, Mixed.**..... .10

Dictanus (Fraxinella). (P.)

Handsome, fragrant, free-flowering, herbaceous plants, suitable for mixed borders.

- 149 **Dictanus Fraxinella.** Mixed. Two feet..... .05

Datura (Trumpet Flower). (P.)

Very showy, producing large, sweet-scented, trumpet-shaped flowers. Roots should be removed to cellar in autumn.

- 150 **Datura, Wright's.** Flowers bell-shaped, of extraordinary size, white, bordered with lilac..... .05
 151 — **Humilis, Double.** Double flowers of a rich golden yellow..... .05



COLEUS.

No.	Delphinium.	Price per pkg.
Flowers remarkable for their great beauty, diversity of shades, and striking appearance.		
152	Delphinium, Double. Pure white. (P.).....	.10
153	— Formosum. (P.) Flowers blue and white, very large and brilliant; will flower the first season from seed.....	.10
154	— Chinese. (P.) Mixed. Two and a half feet.....	.05
155	— Elatum. (P.) (<i>Bee Larkspur</i> .) Blue. Two feet.....	.05
156	— Hybridum. (P.) Fine mixed, splendid.....	.05
157	— Zallii. (P.) Sulphur Yellow. Plants of branching habit, bearing spikes of from forty to fifty blossoms.....	.15
158	— "Wedding Bells." (P.) A strain of Delphinium of great merit, including the most brilliant variety of colors, azure purple, violet, blue and lavender.....	.15

Erythrina. (P.)

- 159 A magnificent half-hardy shrub, with gorgeous spikes of scarlet flowers from one to two feet long. A tropical plant growing freely out of doors if placed in a warm situation. Protect in a cool, dry cellar over winter..... .20

ESCHSCHOLTZIA (*California Poppies*). (A.)

- A very showy plant about one foot high, blooming from June until September. Produces a brilliant effect at a distance when grown in a mass. Hardy.
- 160 Eschscholtzia, Mandarin. Flowers a brilliant scarlet, with the inner side of petal a rich orange..... .10
- 161 — Double White..... .10
- 162 — Large, Rose-colored. Flowers very large, of a brilliant dark rose color, shading into pale rose at the base..... .10
- 163 — Finest Mixed..... .05

Eternal Flower (*Helichrysum*). (A.)

- Ornamental in the garden, and desirable for winter bouquets, as they retain their form and color for years, if gathered and dried when first open.
- 164 Eternal Flower, "Fireball." Rich crimson maroon..... .10
- 165 — Yellow..... .05
- 166 — Mixed..... .05

Eupatorium. (P.)

- 167 Shrubby plants, with white flowers, growing in graceful, feathery sprays..... .10

EUPHORBIA. (A.)

- 168 Euphorbia Heterophylla. "Mexican Fire Plant." (*See cut.*) Large bushy plants, growing about three feet high, with very ornamental dark green leaves, which, as the season advances, become blazed with deep scarlet. Sow early in pots or hot-bed, and transplant to open ground in May..... .15
- 169 — Variegata. "Snow on the Mountains." Leaves edged with pure white..... .05

Gerardia Tenuifolia. (P.) (*See cut.*)

- 170 Beautiful half-hardy perennial, allied to the tribe of Pentstemon. It forms regularly branched, erect bushes, about one foot in height. Flowers of light violet with lilac throat. If sown early in spring, will bloom in July or August. Fine for pot or outdoor culture..... .15

Exacum. (A.)

- 171 Clusters of violet-purple flowers, with yellow anthers, most beautifully cyclamen-scented. Half hardy. Blooms incessantly through the summer, and if removed to the house will bloom freely all winter..... .15



GERARDIA TENUIFOLIA.

Feverfew (*Matricaria*). (P.)

- | No. | Price per pkg. |
|---|----------------|
| A beautiful, half-hardy perennial, well adapted for beds. | |
| 172 Feverfew, Double Dwarf. Flowers large, creamy colored, and very double..... | .15 |
| 173 — Double White. Very fine..... | .05 |
| 174 — Golden Feather. Ornamental foliage plant. Desirable for vases and baskets to mix with other plants..... | .10 |

Flax. (A.)

- 175 Flax, Crimson. (*Linum Grandiflorum*)..... .05
- A beautiful, half-hardy annual, very effective and showy for bedding purpose.

Foxglove. (B.)

- 176 Foxglove, Large-flowering. Spotted and Mixed. Very ornamental amongst shrubbery, producing tall spikes of showy flowers of purple, rose, white, and yellow..... .05

Forget-me-not (*Myosotis*). (P.)

A very pretty little hardy perennial, about six inches high. Will thrive best in a cool, moist situation, and is well adapted for bedding or rockwork.

- 177 Forget-me-not, Elegantissima. Very compact, with silvery, variegated foliage and sky-blue flowers..... .15
- 178 — Alpine, Large-flowered. Flowers exceeding other varieties in size; sky-blue in color, with a clearly defined yellow eye..... .15
- 179 — Blue. The standard variety..... .05
- 180 — White. (New.) Pure white..... .10
- 181 — "Jewell." There is no Forget-me-not in existence which produces on a long flower stem such a perfectly formed, brilliant, sky-blue head as the "Jewell"..... .20

Fuchsia. (A.)

Elegant flowering plants, of easy culture, in pots, for parlor decoration or the garden. In the garden they require a slightly shaded situation. Soil should be rich.

- 182 Fuchsia, or "Ladies' Ear Drop." Finest varieties Mixed..... .25

GAILLARDIA. (A.)

One of the most showy and brilliant of garden flowers, fine for bedding and cutting, producing large flowers of rich shades throughout the summer,

- 183 Gaillardia, Single, Grandiflora. splendid Mixed..... .05
- 184 — Pieta Lorenziana. Double. Fine for bedding and cutting; flowers very double, of various shades, orange, claret, amaranth, sulphur, etc..... .05

Geranium. (A.)

- 185 Geranium. Splendid Mixed..... .25

Geum. (P.)

Handsome, free-flowering, long-blooming, and remarkably showy and hardy. Succeed best in a sandy loam.

- 186 Fine Mixed..... .05

Gilia. (A.)

Early and free-flowering, growing from six inches to one foot high, desirable for planting in masses or detached patches.

- 187 Gilia, White and Rose..... .05

Globe Amaranth. (A.)

Tender annuals about two feet high, very ornamental in the garden. The flowers will retain their beauty for a long time if gathered and dried as soon as they are open.

- 188 Globe Amaranth. Variegated and Mixed..... .05

GLOXINIA. (P.)

A superb class of greenhouse and indoor plants, with vigorous foliage, and producing, in great profusion, elegant flowers of the richest and most beautiful colors. They are quite easily grown from seed, and deserve extensive cultivation as house plants. Sow in March, on the surface, in a warm, moist atmosphere, transplant into shallow pots when the second leaf appears. Allow plants to rest through autumn and winter, giving little water, repot in the spring, and water freely; will blossom second season.

- 189 Gloxinia, Hybrida Grandiflora. Scarlet. (*See cut.*) Flowers large, the edges of the petals delicately frilled. Its beauty is enhanced by a velvety, dark green foliage with silvery-white venations..... .35
- 190 — Grandiflora. Mixed..... .35



EUPHORBIA.



GLOXINIA, SCARLET.



NEW HIBISCUS, "CRIMSON EYE."

- No. **Godetia. (A.)** Price per pkg.
 Very attractive, hardy annuals, about one foot high. Flowers of a beautiful satiny texture.
 191 **Godetia, White Pearl.** New dwarf, pure satiny white variety. On account of its very regular, compact growth it is best adapted for beds or ribboning..... .15
 192 — **Lady Albemarle.** Brilliant dark crimson, very effective..... .10
 193 — **Lady Satin Rose.** Beautiful glossy pink; unequalled for brilliancy and richness of color..... .10
 194 — **Finest Mixed**..... .05

Grasses, Ornamental.

- The Ornamental Grasses are most desirable for bouquets, both for summer and winter. For winter use, cut about the time of flowering, tie up in small bunches, and dry in the shade.
 195 **Grass, Ornamental, Eragrostis Brown.** (A.) The panicles produce immense masses of flowers of a reddish brown color, and make a striking effect..... .10
 196 — **"Job's Tears."** (A.) This well-known variety of tropical grass is so called from the appearance of its shiny, pearly fruit, which resembles a falling tear. Half hardy..... .05
 197 — **Quaking.** (A.) A graceful shaking grass, very elegant in bouquets..... .05
 198 — **Pampas.** (P.) The most stately and magnificent ornamental grass in cultivation, producing numerous long, silken plumes of flowers. Flowers the second season; cover carefully during winter..... .10

Gypsophila.

- Elegant, free-flowering little plants, succeeding in any soil. Well adapted to rockwork and edging.
 199 **Gypsophila, Paniculata.** (P.) Remarkably hardy, dwarf plant, covering itself with small white flowers..... .05
 200 — **Muralis.** (A.) Beautiful starry pink and white flowers. Very fine for hanging baskets..... .05

Hawkweed (Crepis). (A.)

- 201 **Hawkweed, Mixed.** A class of attractive hardy annuals, one foot high, of easy culture..... .05

Hibiscus.

- 202 **Hibiscus Africanus.** (A.) A showy and beautiful hardy annual, eighteen inches high, blooming from June to September..... .05



- 203 **New Perennial Hibiscus, (Crimson Eye).** (P.) (See cut.) This elegant strain of Hibiscus is a robust grower with dark red stems and foliage. Flowers immense in size, often measuring twenty inches in circumference, of the purest white, with a large spot of deep velvety crimson in the centre of each flower. A well-developed plant will produce several hundred flowers in a season. It will succeed anywhere and is perfectly hardy. Will bloom the first year from seed sown in the open ground. (See Shrubs)..... .10

Heliotrope. (A.)

- 204 **Heliotrope, Mixed.** Well-known deliciously fragrant plants, excellent for bedding purposes or pot culture..... .10

- No. **Helipterum. (A.)** Price per pkg.
 205 **Helipterum Sanfordi.** A new variety of everlasting flowers, of great beauty; of dwarf, tufted habit, producing large, globular clusters of bright, golden yellow flowers..... .10

Hollyhocks. (P.)

Seeds should be sown in June or July to have flowering plants the next summer, or if sown in the house early in spring they will bloom the first year.

- 206 **Hollyhocks, Chater's Improved Double. Mixed**..... .15
 207 — **Snow White**..... .15
 208 — **Sulphur Yellow**..... .15
 209 — **Rose**..... .15
 210 — **Royal Purple**..... .15

Seed saved from one of the finest collections, and will produce very large double flowers, of striking beauty.

- 211 — **Tall Double, Mixed.** A great improvement on the old variety, .05

Honesty (Lunaria). (B.)

- 212 Blooms in May and June. The flowers are succeeded by singular seed vessels, that are quite ornamental, and may be kept for a long time..... .05

Humulus. (A.)

- 213 **Humulus Japonicus. (Japan Hop.)** A climbing hop of very rapid growth, with luxuriant foliage, making a dense covering; beautiful when planted singly and sufficiently supported, also suitable for covering trellises, etc..... .10
 214 — **Variegatis.** Very attractive new variety, with leaves beautifully blotched and variegated with silvery white, yellowish green and dark green. As hardy and of the same rapid, vigorous growth as the green-leaved variety..... .15

Ice Plant. (A.)

- 215 A singular-looking, tender annual, with thick, fleshy leaves that have the appearance of being covered with crystals of ice..... .05

Impatiens (Sultan's Balsams). (See cut.) (P.)

- 216 A perennial balsam of compact growth, producing, almost continuously, charming bright rose-colored flowers..... .15

IPOMEA. (A.)

- Very beautiful and popular climbers; deservedly so from the fine foliage, and the brilliant and varied hues of its many flowers. Fine for covering old walls, stumps of trees, etc.
 217 **Ipomea Atroviolacea.** Violet, bordered white..... .10
 218 — **Bona Nox. (Evening Glory.)** Allied to the Morning Glory, but differs from it in choosing the evening for its time for blooming. Flower pure white, deliciously fragrant, and very large. Soak seed in hot water several hours before planting.... .10
 219 — **Cocinea. (Star Ipomea.)** Bright scarlet..... .10
 220 — **Limbata.** Blue, elegantly marked with white; superb..... .05
 221 — **Elegantissima.** Blue, with intense purple centre in the form of a star, with broad, pure white margin..... .10

Ipomopsis. (B.)

- Most beautiful plants, with spikes of dazzling flowers.
 222 **Ipomopsis, Mixed.** Brilliant flowers of scarlet and orange..... .05

Jacoea (Senecio). (A.)

- A very gay-colored, showy class of hardy plants; very effective for bedding. Grow about one foot high.
 223 **Jacoea, Double, Mixed**..... .05

Lantana. (P.)

- 224 This showy greenhouse plant will succeed finely in any garden soil. It forms a small bush, covering itself with pink, yellow, and orange flowers, and also flowers of changeable color. Start in the house. Half hardy. Fine varieties mixed..... .10

Lavender. (P.)

- 225 This herb we consider desirable for the flower garden from the pleasing fragrance of its leaves..... .05

Leptosiphon. (A.)

- Desirable for edgings; very beautiful with their numerous and many-colored flowers; also suitable for rockwork, and nice for pot plants; succeed in any light, rich soil. Hardy.
 226 **Leptosiphon, Mixed.** Colors, dark maroon, orange, lilac, purple, crimson, violet, golden yellow, and white..... .05

LARKSPUR.

- Very beautiful, hardy annuals, producing dense spikes of flowers, which are very decorative, either in the garden or when cut for vases. Set ten inches apart.
 227 **Larkspur, Stock-flowered, Rosy Scarlet.** Flowers very double, of a bright rosy scarlet..... .10
 228 — **Stock-flowered.** Tall branching, finest mixed..... .05
 229 — **Emperor, Double. Finest Mixed.** Very beautiful variety, producing long spikes of flowers in the most delicate colors.... .05
 230 — **Giant Hyacinth-flowered.** A much improved type of this fine variety..... .05
 231 — **Tall Rocket, Double, Mixed.** Plants large and showy..... .05
 232 — **Dwarf Rocket, Double, Mixed.**..... .05

Lophospermum. (A.)

- An exceedingly elegant and highly ornamental climber, with large and handsome foxglove-like flowers; very effective for conservatory and garden decoration, and also for hanging baskets.
 233 **Lophospermum Hendersonii.** Flowers of rosy carmine..... .10

Love-in-a-Mist (Nigella). (A.)

- 234 A curious plant about one foot high, with finely cut leaves and singular flowers..... .05

- No. **Lobelia.** (A.) *Price per pkg.*
 Strikingly pretty, profuse blossoming plants; the delicate, drooping habit of the
 Erinus varieties renders them fine for hanging baskets, while the compact sorts,
 forming little mounds of bloom, are splendid for beds, edgings, etc.
 235 **Lobelia Erinus.** Mixed. Blue, white, and blue and white marbled..... .05
 236 ——— **Double.** Mixed. An acquisition..... .10
 237 ——— **Compact, Crystal Palace.** Dark Blue. The finest for edgings and carpet bedding..... .10
 238 ——— **Golden Queen.** Golden yellow foliage, and brilliant blue flower, striking
 and beautiful..... .20
 239 ——— **Prima Donna.** Velvety Maroon. Distinct and fine..... .10

Love-lies-bleeding (*Amaranthus Caudatus*). (A.)

- 240 A hardy annual, three to four feet high, with pendent spikes of blood-red flowers.
 Desirable for grouping on lawns..... .05

Lupins. (P.)

- Showy, hardy plants, two to three feet high, producing tall spikes of attractive
 flowers.
 241 **Lupins.** Mixed..... .05

Lychnis. (P.)

- 242 **Lychnis Haageana Hybrids.** Mixed. Very handsome, ornamental plants of bushy
 habit, with large flowers from the brightest scarlet to blood-red, purple, orange
 and white..... .10

Malva or Mallow. (P.)

- Showy and desirable, with pretty salver-formed flowers.
 243 **Malva Minita.** Bright Scarlet..... .05

Marvel of Peru (*Mirabilis*). (A.)

- 244 The old and well-known *Four O'clock*. A fine plant, with flowers of various colors,
 making a fine summer hedge set one foot apart..... .05

MARIGOLD (*Tagetes*). (A.)

- Extremely showy, one to two feet high, well adapted to garden
 culture, blooming profusely through the season.
 245 **Marigold, French.** ("Carter's" *Butterfly*.) A beautiful variety
 with alternate petals of velvety purple-brown and old gold..... .10
 246 ——— **Legion of Honor.** (See cut.) This charming new Marigold
 grows very regularly and only about eight inches high, and
 blooms uninterruptedly from July until frost. Flowers single,
 of a beautiful, rich, golden yellow, with large blotches of velvety
 brown, resembling a cross of honor..... .10
 247 ——— **African.** (*El Dorado*.) The finest strain of African Marigold
 yet offered. Flowers three inches in diameter, in all shades
 of yellow, — lemon, primrose, gold, and deep orange..... .05
 248 ——— **Calendula, Prince of Orange.** Flowers striped with an
 intense, glowing shade of orange..... .05
 249 ——— **Meteor.** Cream white, edged with orange..... .05
 250 ——— **Large-flowered.** Flowers dark orange-red, very large and
 remarkably double..... .10
 251 ——— **African.**..... .05
 252 ——— **French.**..... .05
 253 ——— **Gold Striped.**..... .05

Maurandia. (A.)

- A delicate, free-flowering climber, for the conservatory or trellis
 work in the garden; also desirable for hanging baskets.
 Start early in pots, transplant when weather becomes warm.
 254 **Maurandia, Barclayana.** Rich violet..... .05
 255 ——— **Mixed.** Violet, white, rose, and pink..... .10

Mignonette. (A.)

- A general favorite on account of its delightful fragrance.
 Blooms throughout the season. Sow from middle of April to
 middle of June. Mignonette is most fragrant on poor soil.
 256 **Mignonette, Miles' Hybrid Spiral.** Plant dwarf and branching;
 flowers white, and very fragrant, spikes eight to fourteen
 inches long. Fine for either outdoor or pot culture..... .10



NASTURTium, PRINCE HENRY.



MARIGOLD, LEGION OF HONOR.

- No. *Price per pkg.*
 257 **Mignonette, Machet.** Plants dwarf and vigorous, of pyramidal
 growth with broad spikes of very fragrant red flowers. The best
 sort for pot culture and equally valuable for borders..... .10
 258 ——— **Golden Queen.** A distinct dwarf yellow-flowered variety..... .10
 259 ——— **Sweet.**..... per oz. .15
 260 **Victoria.** Flowers unusually brilliant and large..... .10

Morning Glory. (See *Convolvulus Major*.)

MIMULUS (*Monkey Flower*). (P.)

- A half-hardy plant, of the easiest culture, about nine inches
 high, producing a profusion of very pretty flowers. It is peren-
 nial in the greenhouse and may be easily propagated by cuttings.
 Select a moist, rather shaded location.
 261 **Mimulus, Cardinalis.** Scarlet. From California; one foot..... .05
 262 ——— **Hybridus.** Splendidly spotted and marbled, rivaling the
 Calceolaria in the variety of its brilliant colors..... .10
 263 ——— **New Double.** Flowers double, of a brilliant yellow, spotted,
 striped, and mottled with crimson..... .20
 264 ——— **Moschatus.** (*Musk Plant*)..... .05
 Much esteemed for the strong musk odor of its leaves.

Mourning Bride (*Scabiosa*). (A.)

- A class of very pretty annuals, from one to two feet high, suit-
 able for bedding or bouquets. Hardy.
 265 **Mourning Bride, Snowball.** Pure White. Very large and ex-
 tremely double..... .10
 266 ——— **Golden.** A fine novelty, with golden yellow leaves, and
 producing numerous scarlet and dark purple flowers..... .10
 267 ——— **Flesh-Colored.** New and lovely tint..... .10
 268 ——— **Mixed.**..... .05
 269 ——— **Cherry Color.** Double..... .10
 270 ——— **Double, Golden Yellow.** Plants semi-dwarf and bushy,
 producing in great profusion compact double flowers, of a very
 fine golden yellow..... .10

NASTURTium. (A.)

Tall Varieties.

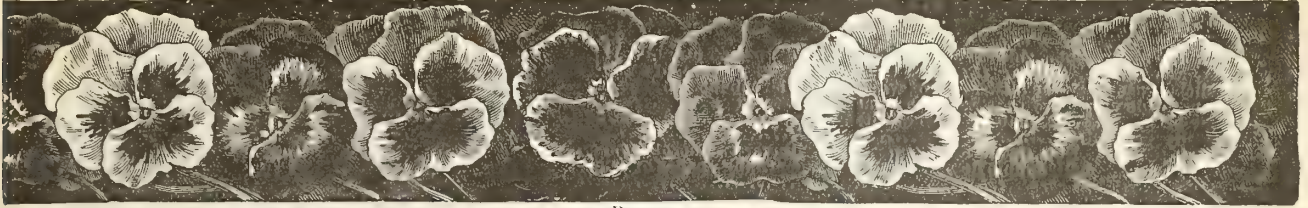
- | | oz. |
|--|---------|
| 271 Nasturtium, Tall. Mixed..... | .20 .05 |
| 272 ——— Black-brown. | .25 .05 |
| 273 ——— Scheuerianum. Straw-colored, striped brown..... | .25 .05 |
| 274 ——— Coccineum. Brilliant scarlet..... | .25 .05 |
| 275 ——— Dunnett's. Orange..... | .25 .05 |
| 276 ——— Atropurpurea. Dark blood crimson..... | .25 .05 |
| 277 ——— King Theodore. Maroon..... | .30 .05 |
| 278 ——— Brownish lilac. | .25 .05 |

Dwarf Varieties.

- | | |
|--|---------|
| 279 Nasturtium, Dwarf. Mixed..... | .20 .05 |
| 280 ——— Prince Henry. (See cut.) Flowers very large of a beautiful
yellow, marbled and spotted with brilliant crimson and frequently
tipped with dark red. Plants grow very bushy, literally covered with
flowers from early summer until frost..... | .40 .10 |
| 281 ——— Ruby King. Carmine..... | .30 .05 |
| 282 ——— Spotted King. Yellow, spotted chocolate..... | .25 .05 |
| 283 ——— Empress of India. Brilliant scarlet. Dark foliage..... | .40 .10 |
| 284 ——— Cloth of Gold. Golden foliage, flowers scarlet..... | .40 .10 |
| 285 ——— Chameleon. Crimson, bronze, and yellow..... | .40 .10 |
| 286 ——— Rose. | .25 .05 |
| 287 ——— Yellow. | .25 .05 |
| 288 ——— White. | .30 .05 |
| 289 ——— King of Tom Thumbs. Scarlet, with bluish green foliage..... | .30 .05 |
| 290 ——— Lady Bird. Orange yellow, Red spots..... | .10 |

Lobb's Nasturtium. (Tall.)

- Leaves and flowers not as large as the ordinary tall Nasturtium, but far
 surpassing them in profusion and brilliancy of flower, making them de-
 sirable for trellises, etc.; also fine for pot culture.
 291 **Lobb's Nasturtium.** Mixed. In great variety of colors..... .10



PANSIES.

- Nemophila. (A.)** Price per pkg.
- 292 Charming hardy, low annuals, producing an abundance of extremely delicate and beautiful flowers. Useful for bedding and pot culture. Sow early in pots, and transplant into a cool, rather moist situation. In variety of colors..... .05

- Nolana. (A.)**
- Very pretty trailing, hardy annuals, fine for rockwork, hanging baskets, or for bedding.
- 293 Nolana. Mixed..... .05

- Nirembergia. (P.)**
- These charming little plants are exceedingly valuable for hanging baskets, rustic vases and edgings.
- 294 Nirembergia Gracilis. If sown early will bloom the first year.... .05

- Oxalis. (P.)**
- A splendid class of plants suitable for hanging pots or rustic baskets. Particularly adapted for the parlor, where they bloom in midwinter. Half hardy.
- 295 Oxalis Rosea. Rose-colored flowers; blooms abundantly..... .10
- 296 — Tropaeoloides. Deep yellow flowers, with brown leaves..... .10

- Oxlip. (A.)**
- 297 Oxlip. Mixed. Sweet scented. Of beautiful colors..... .15

PANSY (Heart's-ease). (B.)

- 298 Pansy. Woodbury's Finest German. Mixed. Spotted, marbled and striped. Unsurpassed in their almost endless variety of shades and brilliant coloring..... .25
- 299 — Cardinal. The nearest approach to a bright red yet attained. Flowers of brownish scarlet with dark spots on the three lower petals; very showy..... .20
- 300 — Cassier's Giant. Gigantic flowers, beautifully blotched, and borne well above the foliage on strong stems. A rich and showy strain..... .25
- 301 — Giant Yellow, Spotted. A new and distinct variety of the five-blotched Cassier tribe; flowers very large, of a pure golden yellow, with a dark blotch on each petal..... .25
- 302 — Bugnot's Superb Blotched. Very beautiful, extra large flowers, with broad blotches, two upper petals finely lined..... .25
- 303 — International Paris. A superb strain comprising magnificent varieties. Selected as being the best exhibited in the grounds of the Paris exhibition..... .15
- 304 — "Lord Beaconsfield." Color purple-violet, shading off in the top petals to a whitish hue, giving the flower an unusually bright and striking appearance..... .15
- 305 — Odier, or Five Blotched. A new and beautiful prize Pansy of great variety of color and markings, each petal being most beautifully blotched or marked..... .15
- 306 — Emperor William. Flowers of a rich ultramarine blue..... .15
- 307 — Trimardeau, or Giant Pansies. Mixed. Distinct and splendid race, of vigorous and compact growth. Flowers of perfect form and immense size. Extra fine strain..... .25



SHIRLEY POPPIES.

- 328 Iceland Poppies. Flowers deliciously fragrant, ranging in color from pure white and yellow to glowing orange and scarlet, flowering in great abundance the first year from seed..... .10

Pentsemom. (P.)

- 329 Pentsemom. Choice varieties mixed..... .10
- Very ornamental, with long and graceful spikes of richly colored tubular flowers. Seed should be started early in March and planted out in May.

Phaseolus. (A.)

- 330 Phaseolus Caracalla. A beautiful climber for the garden, or for the greenhouse in winter. Flowers, bluish lilac, valued by florists for their delicious fragrance and resemblance to Orchids. Start seed early in pots or under glass..... .05

- No. Price per pkg.**
- 308 Pansy. Trimardeau Striped. Extra large flowering. New; very fine..... .30
- 309 — Trimardeau Giant Yellow. New, with large black eye. Very beautiful and remarkably showy..... .30
- 310 — Pure white..... .10
- 311 — King of Blacks. Deep coal black..... .10
- 312 — Bronze-colored..... .15
- 313 — Gold margined..... .15
- 314 — Fine mixed..... .05
- 315 — Extra choice mixed..... .10

Passion Flower.

- 316 Passiflora Incarnata. (P.)..... .15
- Very hardy, requiring but slight protection of leaves in winter. The flowers are large, nearly white, with a triple purple and flesh-colored crown.
- 317 — New Mammoth. (A.) The vines run thirty feet, foliage dark green, flowers very large and showy, having a snow-white border with pink centre; between centre and border is a sky-blue circle..... .10

Perilla Nankinensis. (A.)

- 318 Beautiful dark green foliage, fine for ribbon planting or massing, .05

PAPAYER (Poppy). (A.)

- 319 Papaver Glaucum. (Tulip Poppy.) (See cut.) From a mere description no adequate idea can be formed of the strikingly beautiful effect produced by a bed of these brilliant scarlet Poppies in full bloom, the color being of such glowing richness as to perfectly dazzle the eye..... .15
- 320 — English Scarlet. The common field Poppy of England, bright dazzling scarlet..... .05
- 321 — White Swan. Flowers of fabulous size, very double, lacinated, beautifully shaped and of the purest possible white, and continues longer in bloom than other Poppies..... .15
- 322 — Umbrosum. Very fine, with flowers of a brilliant deep scarlet, marked with four large black spots..... .10
- 323 — Double. Mixed. Brilliant and showy; about two feet high; fine for background and shrubbery..... .05
- 324 — Fairy Blush. Immense globular flowers; perfectly double, petals elegantly fringed, color pure white, tipped with rose,.... .10
- 325 — "Danebrog." The flowers are of a brilliant scarlet color, bearing on each of the four petals a large silvery-white spot, forming thus a white cross on scarlet ground, similar to the Danish or Swiss national banners..... .10
- 326 — Croceum. (P.) Orange-yellow, very double, large and showy..... .10
- 327 The Shirley Poppies. (See cut.) A beautiful new strain of annual Poppies. Flowers single and semi-double, in colors extending from pure white through the most delicate shades of pink, rose and carmine to deepest crimson, and many are most delicately edged, shaded and striped..... .10



MOURNING CLOAK PINK.

No.	PETUNIA. (P.)	Price per pkg.
	For brilliancy and variety of colors, and the long duration of their blooming period, Petunias are indispensable in any garden, also highly prized for pot culture.	
331	Petunia, New Double, Aurora. (See cut.) Flowers of medium size, of a charming delicate rose color, the attractions of which are much enhanced by the deep crimson-purple veining, with which each petal is intersected.....	.30
332	Lady of the Lake. A petunia of exquisite beauty, pure white, double, and beautifully fringed.....	.35
333	Double Liliput. New dwarf double varieties, with very numerous and exceedingly pretty, small, double flowers, of the most charming shades of color..	.25
334	Double. Brilliant rose.....	.30
335	Double-flowering. Mixed.....	.25
336	Double Compacta Elegantissima. This variety forms a dense globular bush, covered thickly with flowers of all colors and shades. As a bedding plant, especially in sunny spots, it is unsurpassable and very effective.....	.20
337	Large-flowering, yellow throated. The flowers are of large size, of faultless form, with a broad and deep yellow throat, beautifully veined.....	.30
338	Superbissima Nigra. Gorgeous dark red flowers, with large, jet-black throat. Very fine.....	.20
339	Vilmorin's Hybrid Large-flowering Striped. Flowers beautifully striped, variegated and spotted. Remarkable for rich colors and large size.....	.20
340	Steel-blue, veined. Fine, large-flowering variety, of a new and very handsome color, bright steel-blue, beautifully veined.....	.25
341	Fringed. Satiny white, blotched with purplish crimson.....	.15
342	Fringed and veined. Rose, veined with black.....	.15
343	Fringed. Largest flowered, mixed in great variety.....	.15
344	Fine Mixed.....	.05
345	Extra Choice Mixed.....	.10

PHLOX DRUMMONDII. (A.)

A most brilliant and beautiful hardy annual, well adapted for bedding, making a dazzling show through the whole season. Succeeding well on almost any soil.		
346	Phlox Drummondii. Mixed Colors	Per oz., .50 .05

Large Flowering Varieties.

Magnificent class. Flowers as large as those of the perennial phloxes.		
347	White.....	.10
348	Scarlet, white eye.....	.10
349	Deep Purple.....	.10
350	Violet, white eye.....	.10
351	Bright Scarlet.....	.10
352	Yellow.....	.10
353	Shining Rose.....	.10
354	Large-flowering. Mixed.....	.10

Dwarf Varieties.

355	Fireball. Very brilliant.....	.10
356	Violet, with large white eye.....	.10
357	Snowball. Fine white.....	.10
358	Heynholdii. Mixed. Very dwarf and compact; fine for pot culture.....	.10

Fimbriata.

359	Petals toothed, beautifully fringed, and distinctly margined with white. Mixed colors15
-----	--	-----

New Star Phlox (*Cuspidata*). (See cut.)

360	A beautiful and striking novelty. The centre petals of the flowers are pointed and much longer than the lateral ones, thus giving the flowers a beautiful star-like appearance, which are made even more attractive by the broad white margin which borders the edges of the petals. Many colors mixed....	.15
-----	--	-----



MARGARET CARNATION.



NEW STAR PHLOX.



DOUBLE PETUNIA, "AURORA."

Semi-Double. Price per pkg.

The value of the semi-double phlox for cutting has been recognized by all who have tried them. Should be sown in a light soil to produce the best double flowers.

361	Yellow. Beautiful yellow variety, possessing a slight perfume.....	.15
362	Mixed. Fine mixture of white, scarlet, purple, rose, violet, and rosy marbled.....	.15

Phlox Decussata. (Hardy Perennial.)

363	Choice mixed varieties. Extra fine10
-----	--	-----

PINKS.

These favorite flowers are unrivalled for brilliancy and variety of color. Very showy for bedding, bordering, etc.

364	Pink Carnation, Therese Franco. (P.) Plants robust and compact. Flowers upright, perfectly double, very fragrant, of a beautiful satiny rose frosted with white, flushed with salmon, and sometimes striped and lined with pure white. We highly recommend this variety to florists.....	.20
365	Carnation. (P.) Double Finest Mixed. Colors extremely rich and	

beautiful. Seed saved from choice collection	.15
366 — Picotee. (P.) Choicest Varieties Mixed. Very beautiful, combining the most perfect form with the richest of colors.....	.20
367 — Jean Sisley. (P.) Double salmon yellow. Package of twelve seeds.....	.15
368 — Margaret Carnation. Mixed. (See cut.) (A carnation that blooms in summer from seed sown early in the spring.) The plants of this new carnation are very compact, do not require support and are most abundant bloomers. The flowers are deliciously fragrant, very double, of brilliant colors, ranging through many beautiful shades of reds, pinks, white, variegations, etc. The seedlings bloom when only four months old, and flowers can be had all summer and winter, if some consecutive sowings are made. This carnation is deservedly growing in favor year by year....	.10
369 — Margaret, Rose.....	.15
370 — Margaret, White.....	.15
371 — New "Guillaud." Mixed. The only strain of pinks blooming the first season that contains yellow. Flowers are very large, of perfect shape, very fragrant, and last a long time either cut or on the plants, and, making this strain still more valuable, they contain flowers of clear yellow and others with yellow stripes. Equally adapted for open ground and pot culture.....	.25

Summer Blooming Varieties.

372	Pink, Mourning Cloak. (See cut.) Very beautiful, with large double flowers of a blackish purple, fringed and sharply margined with white.....	.10
373	Laciniatus, Finest Double. Mixed. Magnificent double flowers; very large and beautifully fringed. Seed saved only from the finest flowers.....	.15
374	Hedewig's Double. Mixed. Large flowers, three inches in diameter, beautiful, rich colors, finely marked and marbled.....	.10
375	Chinese, Finest Double. Mixed.....	.05
376	Double Diadem. Very fine double flowers, magnificent in colors, beautifully edged and marbled.....	.10
377	Double Imperial, Snowball. Charming double fringed flowers of purest white, with light and dark mauve.....	.15
378	Eastern Queen. Very large single flowers, beautifully fringed and marbled with light and dark mauve.....	.10
379	Crimson Belle. Magnificent single fringed flowers of a velvety crimson.....	.10
380	The Bride. (Little Gem.) White, with deep purplish red centre. Large single flowers nicely fringed.....	.10
381	Double Fringed and Striped Mixed.....	.10

Portulaca. (A.)

Sow early in warm, light soil and thin plants to four inches.

382	Portulaca, Scarlet.....	.05	385	Portulaca, White.....	.05
383	Crimson.....	.05	386	Yellow.....	.05
384	Mixed.....per oz., .50 .05		387	Large-flowered, Double.....	.05

Polyanthus. (P.)

- No. Price per pkg.
Showy and profuse flowering hardy perennials, about one foot high, blooming in April and May.
388 **Polyanthus, Mixed.**..... .10

Primula. (P.)

- Beautiful, desirable plants for parlor or greenhouse, producing a constant succession of charming flowers through the winter and spring. Sow in light soil, in pots, any time from January to July.
389 **Primula Sinensis. (Chinese Primrose.)** Splendid mixed..... .25
390 — **Auricula.** The flower stock is six to eight inches high, and bears a fine cluster of from five to seven flowers of various colors, each having a clear white or light-colored eye. Finest varieties mixed from named flowers..... .20
391 — **Vulgaris. (English Primrose.)** The old favorite yellow Primrose..... .10

Pyrethrum Roseum. (P.)

- 392 **Pyrethrum Roseum.** The flowers gathered, dried, and pulverized form the true "Persian Insect Powder" so much in demand..... .05

Ricinus (Castor Oil Plant). (A.)

- A highly ornamental, half-hardy annual, growing from four to six feet high, presenting quite a tropical appearance. Select warm, dry soil, and plant six feet apart.
393 **Ricinus, Finest Mixed.**..... .05
394 — **Zanzibariensis. (Zanzibar Castor Beans.) (See cut.)** The plants of this new and distinct class attain great dimensions, presenting a splendid aspect with their gigantic leaves, which range from brilliant coppery bronze to light and dark green; the ribs also are of bright colors, making a beautiful contrast with the leaves..... .20

RODANTHE. (A.)

- A beautiful and charming everlasting flower. The flowers when gathered as soon as they are opened are very desirable for winter bouquets, retaining their brilliancy months.
395 **Rodanthe, Double White.** Pure white, double variety..... .15
396 — **Maculata, Single. Mixed.**..... .10

SALPIGLOSSIS GRANDIFLORA, Mixed. (See cut.) (A.)

- 397 Flowers from two to three inches in diameter, most vividly marked, spotted and striped on ground colors of deep blue, rose, violet, yellow, reddish bronze, purple, etc. In rich coloring they vie with orchids. Very effective in the sunlight, which brings out the beautiful tints and veinings. Start early in hot-bed and transplant to light, warm, rich soil..... .10

Salvia. (A.)

- Very ornamental plants, two feet high, producing tall spikes of gay flowers. Sow early in hot-bed, and transplant two feet apart. Half hardy.
398 **Salvia Grandiflora Bicolor.** Foliage variegated with white, flowers white and rose with scarlet tip..... .10
399 — **Mixed.**..... .05
400 — **Coccinea.** Splendid scarlet..... .10

Sanvitalia. (A.)

- Beautiful dwarf-growing, free-flowering plants, of great value for beds and masses of low growth.
401 **Sanvitalia, Double.** Covered with dense masses of perfectly double golden flowers..... .10

Sedum. (P.)

- An exceedingly interesting and pretty little plant, growing freely on rock or rustic work, where during the summer it expands its brilliant star-shaped flowers in the greatest profusion. It is very desirable for hanging baskets.
402 **Sedum Cereuleum.** Blue; from Africa,..... .10

Schizanthus. (A.)

- 403 Tender annuals, with delicately colored fringed flowers, suitable for garden or pot culture, fine mixed..... .05

Sensitive Plant.

- (*Mimosa Sensitiva.*) (A.)
404 A pretty, curious plant, being so sensitive that the leaves close together by the slightest touch..... .05

Smilax. (P.)

- 405 There is no climbing plant in cultivation that surpasses this in beauty and grace and habit of foliage. Extensively used for bouquets and floral decorations..... .05



RICINUS ZANZIBARIENSIS.

Snapdragon (Antirrhinum). (P.)

- No. Price per pkg.
An old garden favorite of easiest culture; very showy, flowering the first season from seed and yielding an abundance of fine flowers for cutting.
406 **Snapdragon, Tall. Mixed.**..... .05
407 — **Majas Nanum Picturatum.** A semi-dwarf sort in great variety of colors, most beautifully blotched..... .10
408 — **Queen of the North.** A snow-white large flowering variety of unrivalled beauty..... .10

Stocks.

- Half-hardy annuals, producing splendid spikes of very rich and beautiful flowers of delightful fragrance. For early flowering sow early in spring in pots or in the hot bed, and transplant one foot apart. Bloom from June until November.
409 **Stocks, Princess Alice.** Snow white. This variety also known as "Cut and Come Again," and "White Perfection," grows about two feet high, is of very branching habit, and if sown early will produce from June until November a great abundance of very large, beautiful, pure white flowers, which are replaced as they are cut..... .15
410 — **Victoria, Ten Weeks. (Deep blood-red.)** Every plant forms a perfect pyramidal-shaped bouquet, completely covered with beautiful, bright, fine double flowers..... .15
411 — **Ten Weeks, Princess May.** The earliest flowering Stock. Dark, glossy-green foliage with beautiful trusses of very large flowers of a delicate light yellow..... .15
412 — **Dwarf German. Finest Mixed.**..... .05
413 — **Ten Weeks, Double. Mixed.**..... .05
414 — **Dwarf, Large-Flowering. Finest Mixed.** Very double. One of the finest Stocks in cultivation..... .10

Sunflower (Helianthus). (A.)

- Well-known hardy annuals, with large showy flowers.
415 **Sunflower "Thousand Flowered."** If planted singly in good soil this new sunflower attains a height of from twelve to fifteen feet, is richly branched from base to summit, each branch bearing a multitude of medium-sized golden yellow flowers with small black centres. Planted singly on lawns or in the garden it is very effective..... .20
416 — **Sulphur-yellow.** A beautiful variety growing about five feet high; flowers of a delicate sulphur-yellow, with black centres..... .05
417 — **Texas Silver Queen.** A marvel when in full bloom, forming perfect pyramids literally covered with flowers, which contrast strikingly with the silver-gray foliage..... .10
418 — **Dwarf Double.** Very ornamental, growing about four feet, and producing large double flowers..... .05

Swan River Daisy (Brachycone). (A.)

- 419 Very pretty, free-flowering, dwarf-growing annuals, well adapted to edgings, rustic baskets, or for pot culture..... .05

Sweet Clover. (A.)

- 420 **Sweet Clover.** Valuable for its fragrance..... .05

Sweet Sultan (Centāurea). (A.)

- Very showy, one to two feet high, succeeding well in any soil.
421 **Sweet Sultan, Mixed**..... .05
422 — **Yellow.** The most beautiful Sweet Sultan. Flowers remarkably long-lived, very fragrant and golden in color..... .05

Sweet William. (P.)

- Well-known, beautiful, hardy perennials, about one foot high, making a most splendid appearance in May and June.
423 **Sweet William, Single. Mixed.**..... .05
424 — **Double. Mixed.**..... .10
425 — **Auricular Eyed.**..... .05

Thunbergia. (A.)

- Very ornamental trailing or climbing half-hardy annuals; admirably adapted for trellises or rustic work, or for the conservatory. A great acquisition for hanging baskets.
426 **Thunbergia Coccinea.** A deep scarlet variety..... .15
427 — **Mixed.** Flowers white and salmon, with rich maroon centres..... .05

Tritoma Uvaria. (P.)

(Red Hot Poker Plant.)

- 428 A splendid evergreen perennial, producing flower stems four or five feet in height, surmounted with spikes of red and yellow flowers. Remove the plants to the cellar in autumn..... .15



SALPIGLOSSIS.

No.

SWEET PEAS.

Price per pkg.

These well-known universal favorites have been much improved, the last few years, in size and variety of colors, and for beauty and fragrance cannot be surpassed, embracing, as they do, every shade of color most delicately tinged and variegated. Sow in drills as early as possible in the spring in rich soil. Make a furrow six inches deep, sow the seed, and cover about two inches. As soon as the plants begin to show fill in the furrow. This deep planting will enable the vines to stand the heat of summer. By cutting the flowers before they fade, thus preventing pods from forming, the blossoms may be continued the whole season.

We have turned to California for our Sweet Peas this year because it is stated upon good authority that Sweet Peas attain in California a perfection almost unheard of in other parts of the country; the size, color and texture of the flowers and vigor of growth being truly remarkable.

- 429 Sweet Peas. Emily Henderson. Flowers extra large, very fragrant and absolutely pure white. Unexcelled in earliness and long-continued bloom.....per oz., 30 cts. .10
- 430 — Miss Blanche Ferry. Large pink and white flowers of deeper, richer coloring and more fragrant than the Painted Lady.....per oz., 15 cts. .05
- 431 — Purple Prince. Standard purple blue, wings maroon.....per oz., 25 cts. .10
- 432 — Invincible Scarlet. Flowers very large, of intense scarlet pink, the most brilliant variety yet produced.....per oz., 15 cts. .05
- 433 — Painted Lady. Pink and white.....per oz., 15 cts. .05
- 434 — Striped. Dark red, crimson and rose striped with white.per oz., 15 cts. .05
- 435 — All Colors Mixed. In this mixture will be found the finest varieties. Per lb., postpaid, 88 cts.; per ¼ lb., 28 cts.; per oz., 12 cts. .05

Eckford's Large Flowering Hybrids.

Much larger than the ordinary varieties and presenting many beautiful combinations of markings and colors.

- 436 — Queen of the Isles. Scarlet, mottled with purple and white.....per oz., 25 cts. .10
- 437 — Splendor. Flowers shading from coppery crimson to rose-pink.....per oz., 15 cts. .05
- 438 — Captain of the Blues. Bright blue with pale blue wings. Striking and beautiful.....per oz., 15 cts. .05
- 439 — Boreation. Very large, of rich glossy chestnut color, per oz., 15 cts. .05
- 440 — Countess of Radnor. Delicate lavender and mauve, beautiful.....per oz., 30 cts. .15
- 441 — Mrs. Gladstone. Delicate pink, wings blush, edged with pink. Exquisite.....per oz., 20 cts. .10
- 442 — Alba Magnifica. Pure white, very large flower, per oz., 20 cts. .05
- 443 — Cardinal. Crimson scarlet.....per oz., 15 cts. .05
- 444 — Delight. White, crested with crimson.....per oz., 25 cts. .10
- 445 — Dorothy Tennant. Dark mauve.....per oz., 25 cts. .10
- 446 — Isa Eckford. Creamy white, suffused with rosy pink, per oz., 15 cts. .05
- 447 — Lemon Queen. Blush, faintly tinted with lemon, per oz., 25 cts. .10
- 448 — Mrs. Sankey. Flowers of the largest size, pure white and of the most perfect form. Very profuse bloomer.....per oz., 25 cts. .10
- 449 — Primrose. Pale primrose yellow. Novel and distinct, per oz., 25 cts. .10
- 450 — The Queen. Bright pink, shaded with heliotrope, per oz., 15 cts. .05
- 451 — Eckford's Large Flowering Hybrids. Mixed. Choice mixture.....per ¼ lb., 60 cts.; per oz., 20 cts. .10

Venus Looking-Glass. (A.)

A very pretty hardy annual, succeeding well in any soil. Grows about one foot high and is well adapted for borders.

- 452 Mixed Colors.....per ¼ lb., 60 cts.; per oz., 20 cts. .10



ZINNIA, GRANDIFLORA PLENISSIMA.



SWEET PEAS.

Vinca. (P.) Price per pkg.

- Beautiful bushy plants, completely covered with flowers the entire summer, foliage evergreen. Start the seed in hot-bed.

- 453 Vinca. Mixed.....per oz., 15 cts. .05

Viola Odorata (Sweet Violet).

- 454 Beautiful fragrant hardy plants for beds and edgings, in moist shady situations.....per oz., 15 cts. .05

Virginian Pigmy Stock. (A.)

Extremely pretty, profuse flowering little plants, remarkably effective in small beds, baskets or edgings.

- 455 Virginian Stock. Rose and white mixed.....per oz., 15 cts. .05

Wallflowers. (P.)

Very fragrant and ornamental, tender perennials, suitable for background and amongst shrubbery.

- 456 Wallflower, Single. Mixed.....per oz., 15 cts. .05
- 457 — Double Mixed.....per oz., 15 cts. .05

Xeranthemum. (A.)

Very showy, free flowering everlasting flowers.

- 458 Xeranthemum Annum Superbissimum. Very showy, the flowers are as double as those of Double Buttercup.....per oz., 15 cts. .05
- 459 — Double. Mixed.....per oz., 15 cts. .05

VERBENA. (A.)

Well-known and universally popular bedding plants, blooming all summer. The most brilliant, with the exception of Phlox Drummondii, of all the annuals.

- 460 Verbena Hybrida Compacta Violacea. Blue flowering, dwarf, compact variety.....per oz., 15 cts. .05
- 461 — Candissima Nana Compacta. Very dwarf. Pure white.....per oz., 15 cts. .05
- 462 — Bright Scarlet, White Centre. The trusses of the flowers are of large size, with centres well marked.....per oz., 15 cts. .05
- 463 — New Mammoth. Every flower, when well grown, measures fully nine inches in circumference, the single florets being large enough to cover a twenty-five cent piece.....per oz., 15 cts. .05
- 464 — Hybrida Grandiflora, Purple Cloak. Large trusses of deep velvety purple flowers, clear white centre.....per oz., 15 cts. .05
- 465 — Hybrida. Cloth of Gold. Golden-yellow foliage, with bright scarlet flowers.....per oz., 15 cts. .05
- 466 — Fine Mixed.....per oz., 15 cts. .05
- 467 — Finest Mixed.....per oz., 15 cts. .05

ZINNIA. (A.) (Youth and Old Age.)

A most splendid class of hardy annuals, succeeding well in any soil, and making a brilliant show. Start early in pots or under glass, and transplant one foot apart. The same flowers will retain their beauty weeks, and a profusion will be produced until frost.

- 468 Zinnia Elegans Grandiflora Plenissima. (New Giant Zinnia.) Extremely double globe-shaped flowers, from five to six inches in diameter, of various striking and brilliant colors.....per oz., 15 cts. .05
- 469 — Grandiflora Plenissima. (See cut.) Striped. Very showy and beautiful. A great improvement on the Zebra Zinnias.....per oz., 15 cts. .05
- 470 — Tall. Finest varieties, double mixed.....per oz., 15 cts. .05
- 471 — Double White.....per oz., 15 cts. .05
- 472 — Dwarf. Double White. Very desirable from its regularity of growth and beautiful shaped flowers.....per oz., 15 cts. .05
- 473 — Haageana. Dwarf single variety; yellow flushed with orange. Valuable for beds, edgings or borders.....per oz., 15 cts. .05
- 474 — Tom Thumb. Double Mixed. Very compact and free flowering.....per oz., 15 cts. .05
- 475 Double Lilliput. Mixed. Among the most charming of recent introductions. Very compact; forming thickly branching little plants about a foot and a half high which fairly bristle with very double flowers of every shade and color and hardly exceeding a large daisy in size.....per oz., 15 cts. .05

FLOWER SEED COLLECTIONS.

For the convenience of those who prefer to leave the selection to us, we offer the following collections. Persons thus purchasing can make a greater display, at a much less price, than ordering separate packages. These collections are not subject to any discount from the prices given below, and varieties are always to be of our selection.

COLLECTION A.

10 Pkts. of Beautiful Annuals for 25 cts.

Asters	Balsams.	Coreopsis.	Poppy.
Sweet Alyssum.	Phlox.	Morning Glory.	Pinks.
Mignonette.		Nasturtium, Tall.	

COLLECTION B.—PINKS.

5 Pkts. Summer Blooming Varieties for 35 cts.
Single and Double, including Margaret Carnation.

COLLECTION C.—SWEET PEAS.

10 Pkts. Choice Desirable Kinds for 50 cts.
Including several packages of Eckford's.

COLLECTION D.

15 Pkts. Choice Annuals, Biennials and Perennials for 50 cts.

Asters, Victoria Mixed.	Marigold Eldorado.
Zinnia.	Mignonette.
Delphinium.	Tall and Dwarf Nasturtium.
Sweet Williams.	Candytuft, Mixed.
Iceland Poppies.	Calycanthemum, "Cup and Saucer,"
Phlox.	Mixed.
Pansy.	MARGARET CARNATION
	Sweet Peas.

COLLECTION E.—ASTERS.

10 Pkts. of Choice Varieties for 75 cts.
Including new and very desirable sorts.

PLEASE NOTICE THAT WE ARE OFFERING THESE COLLECTIONS AT A GREAT REDUCTION FROM THE REGULAR CATALOGUE PRICE.

MIXED FLOWER SEEDS, FOR WILD GARDENS.

A splendid mixture of beautiful free-blooming hardy flowers, which can be offered at a much less price than when sold in separate packages. Those who cannot give the constant care necessary for finely arranged flower beds will find the "Wild Garden" a delightful substitute, with its constant and ever-varying bloom. Such a flower bed is a continual surprise and pleasure, as new varieties and the old garden favorites flower successively throughout the season. Price, per package, 10 cents; $\frac{1}{2}$ ounce, 25 cents.

Purchasers who prefer to make their own Selections of Flower Seeds are referred to the following Prices:

For \$1.00, seeds in PACKETS may be selected to value of	\$1.30
" 2.00, " " " " " "	2.70
" 3.00, " " " " " "	4.20
" 4.00, " " " " " "	5.65
" 5.00, " " " " " "	7.20

All Flower Seeds sent by mail postpaid on receipt of price

FOR FALL

PLANTING.



MISCELLANEOUS BULBS.



READY IN

OCTOBER.

HYACINTHS.

The most beautiful and fragrant of the Holland bulbs. Plant in the garden in October or November, from three to four inches deep, and protect from frost. For house culture plant the bulbs even with the surface, in good sandy soil, water freely, and set away in a dark cellar for about six weeks. When placed in glasses, the water should only just touch the base of the bulb.

Double Blue	Each, .08	Per doz., .75	Single Red	Each, .08	Per doz., .75
Single Blue	" .08	" .75	Double Yellow	" .12	" 1.10
Double White	" .08	" .75	Single Yellow	" .10	" .90
Single White	" .08	" .75	Single Mixed	" .75	
Double Red	" .08	" .75	Double Mixed	" .75	

TULIPS.

Plant in October or November, five or six inches apart, and three inches deep.

Duc von Tholl Tulips. Mixed	Each, .06	Per doz., .50
Parrot Tulips. Choice colors	" .05	" .45
Choice Mixed Double Varieties	35 cents per dozen; \$2.00 per 100.	
Choice Mixed Single Varieties	35 cents per dozen; \$2.00 per 100.	

CHIONODOXA LUCILLÆ.

One of the most beautiful flowering bulbous plants ever introduced, producing spikes of lovely azure-blue flowers, with pure white centres. Price, 5 cents each; 30 cents per dozen.

FREESIA REFRACTA ALBA.

A beautiful plant for parlor culture. Flowers pure white with yellow blotched throat, and exquisitely scented. Valuable for cut flowers. Treat as hyacinths. Each, 5 cts.; per dozen, 35 cts.



FREESIA REFRACTA ALBA.

CHINESE NARCISSUS (Sacred Lily of China).

Flowers white, with yellow centre, very freely produced, and are successfully grown in water. Shallow dishes should be used, into which put an inch of gravel; on this set the bulb, fill in with small stones, and keep the dish full of water. Each, 20 cents.

RANUNCULUS (Double Buttercup).

Plant three inches deep and cover, before the ground freezes, with four inches of leaves, as they are not very hardy.

Ranunculus, Persian. Best Mixture,	Each, .05	Per doz., .25
Ranunculus, Improved French Superb,	Each, .05	Per doz., .25

NARCISSUS, OR DAFFODILS.

Plant five inches deep and cover with three inches of leaves.

Single.

Poeticus, or Pheasant's Eye. Pure white cup edged with red, splendid;	Each, .03	Per doz., .25
Trumpet Major. Golden yellow trumpet	" .05	" .45

Double.

Alba Plena Odorata. White, sweet scented	" .05	" .45
Von Sion. The double yellow daffodil, fine	" .05	" .45

Polyanthus.

(Desirable for House Culture.)

Gloriosa. White, with orange centre	" .08	" .75
Grand Soleil d'Or. Golden yellow	" .08	" .75

CROCUS.

Cloth of Gold. Bright Yellow	Per doz., .12	Per 100, .70
Striped Sorts. Mixed	" .10	" .65
All Colors	" .10	" .60



GROUP OF NARCISSUS.

Summer Flowering Bulbs and Plants.

◁ READY IN APRIL. ▷



SNOW-WHITE GLADIOLUS.

Gladioli.

These showy flowers are very easily raised, and, with their tall spikes and brilliant colors of almost every variety, simple and blended, make one of the most magnificent displays of the flower garden. By planting from May till July, a continuous succession of flowers will be secured. Plant in rows a foot apart, six inches apart in the row, and two inches deep. Beautiful French Hybrid Varieties, Splendid Mixture. Price, per 100, express, \$2.00; per dozen, postpaid, 40 cents.

NEW COLLECTIONS OF GLADIOLI AT SPECIAL LOW PRICES.

No. 1 (Fine), 50 cts.; single bulbs, 6 cts.

Angele. Soft, mother-of-pearl color.
Napoleon III. Scarlet, white line in centre of petals.
Mad Monneret. Soft, rosy pink, late variety.
Marie Lemoine. Upper divisions are pale creamy color, flushed salmon-lilac; lower divisions, spotted purplish violet, bordered deep yellow.
Le Titien. Very brilliant, rosy scarlet.
Princes of Wales. White, flamed with carmine-rose.
Chameleon. Slaty lilac flowers, flamed orange with white bands down each petal; large creamy-white blotch streaked with violet.
Isaac Buchanan. Best yellow.
Ceres. Pure white, spotted with purple-rose.
Stella. White, tinted with yellow, rose flamed with carmine.

No. 2 (Extra Fine), 75 cts.; single bulbs, 8 cts.

La Candeur. White, lightly striped with carmine-violet.
Diamant. Extra large, fleshy white, blotched and streaked carmine.
Phébus. Brilliant red, pure white blotch.
Meyerbeer. Brilliant scarlet, flamed with vermillion, red blotch.
Romulus. Intense dark red, blotched with pure white.
Amalthée. Pure white, large violet-red blotch.
Astree. White, violet blotch, throat suffused with lilac.
Conquete. Bright cherry-red, pure white blotch.
Reine Victoria. White, carmine violet blotch. Very fine.
Addison. Dark amaranth with white stripes.

LEOMINE'S HYBRID GLADIOLI. (New.) For rich and vivid coloring, these have no equal. Embazoned with the most intense burning and rich shades, they are wonderful. Price, per 100, per express, \$3.00; per dozen, postpaid, 60 cents.

NEW GLADIOLUS, "SNOW-WHITE." (See cut.) The best White Gladiolus. The flowers are elegantly formed, and of great substance, lasting a remarkable length of time when cut. The spikes are of good size, set solidly and perfectly, with the flowers from bottom to top. The petals are gracefully recurved and, in many cases, beautifully crimped. Price, 20 cents.

LILIES.

Plant deep where they are to remain; in winter, cover four inches deep with leaves or straw; feed them well. Price, postpaid, Each. Per doz.

Auratum Golden-Rayed Japan. Blooming in great profusion, and deliciously fragrant.....	.20	2.50
Candidum. Very hardy; snow-white and fragrant. Fine for forcing.....	.15	1.25
Harrisii. (Bermuda Easter Lily.) (See cut.) Flowers large, trumpet-shaped, of a pure waxy white; an incredibly free bloomer.....	.20	2.00
Roseum. White, spotted with rose.....	.15	1.50
Rubrum. Rose, spotted with crimson.....	.15	1.50
Wallacei. (New.) A magnificent Japanese variety, with beautiful clear buff flowers, spotted with black.....	.15	1.50

CLEMATIS.

Jackmanii. Flowers large, intense velvety purple, four to six inches in diameter. The dazzling effect of this elegant vine when in blossom cannot be described. Perfectly hardy. Strong plants two years old, 75 cents.

Henry. Strong, vigorous grower, with large, creamy white flowers. Each, 60 cents, postpaid.
Paniculata. Japanese variety, of rapid growth, quickly covering trellises and arbors with handsome, clean, glossy green foliage. Flowers pure white, from three quarters to an inch in diameter, star-shaped and with a most delicious and penetrating fragrance. Two-year blooming size, 75 cents each, postpaid.

HARDY PHLOX.

These hardy perennials are perhaps the most widely known of all the plants in our gardens, and certainly no perennial is more worthy of culture or more effective as individual plants or grouped in masses. Price, 25 cents each, postpaid; the collection of five for \$1.00.

Eugene Verdier. Deep lilac, shaded rosy purple with dark eye.
Independence. Large and pure white. Extra good.
Le Soleil. Brilliant china-rose, centre bright rose surrounded with pale rose tint.
Claude de Jouffroy. Reddish violet, centre purple, large.
Moonlight. Beautiful silvery rose.

ROSE PÆONY.

Deep rose color. Most fragrant of all the pæonies, having a stronger and richer rose fragrance than any rose. Perfectly hardy. Each, 25 cents, postpaid.

Old-Fashioned Garden Pink Roots.

The delicious, sweet-smelling pinks of our grandmothers. Very hardy and easily grown. Each, 8 cents; per dozen, 65 cents, postpaid.

LILY OF THE VALLEY.

A great favorite because of its delicious fragrance, bearing graceful bows of fairy-like lily bells. Per half dozen, 20 cents; per dozen, 35 cents.



BERMUDA EASTER LILY.



HONEYSUCKLE.

Hall's Japan. A new variety from Japan, and considered a great acquisition. It is ever green and a constant bloomer; flowers pure white, changing to yellow; very fragrant. Each 30 cents, postpaid.

Belgian. (Monthly Fragrant or Dutch Honeysuckle.) Blooms all summer. Red and yellow, very fragrant flowers. Each 30 cents, postpaid.

Ampelopsis Veitchii.

This is the famous creeper that clings to any building by means of its tendrils, no artificial support being needed. It is sometimes known as Boston Ivy. It is of an exceedingly rapid growth and perfectly hardy. Foliage pretty, dense, and attractive, and when in the fall it gradually changes to nearly all the colors of the rainbow, presents a mass of brilliancy unequalled in its magnificence. Strong plants, eighteen inches high. Each 20 cents, postpaid.

BEGONIAS

TUBEROUS ROOTED. It is quite impossible to overestimate the worth of this interesting family of plants; every one should grow them. Planted where they can have plenty of moisture and a little shade from the noonday sun, they make a glorious display, excelling the most vivid graminums. We offer tubers from the finest strain of erect, large-flowered varieties, of dwarf habit, comprising all colors, scarlet, white, yellow, pink, etc.

Single, in Separate Colors. 12 cents each; \$1.20 per dozen.

Single. Mixed. 10 cents each; \$1.00 per dozen. (See cut.)

Double. Mixed. 30 cents each.

Carnations.

We consider the following varieties of carnations as among the best of recent introductions; combining good form and beautiful colors with vigorous growth and free-blooming qualities.

Mrs. Fisher. Beautiful white. Fine for outdoor planting.

Gen. Jacqueminot. Color of the well-known "Jack" rose.

Orient. Dark crimson, the best of this color.

Golden Gate. Rich golden yellow; flowers of the largest size and freely produced.

Emily Pierson. Beautiful growing scarlet, flowers very large and full, profuse bloomer.

J. J. Harrison. White, beautifully edged and striped with pink. Very desirable.

Grace Wilder. Delicate pink; unsurpassed in color; a fine variety in every respect.

Price, 15 cents each, postpaid. The collection of seven for 75 cents.

Daybreak. Color exquisite, a charming shade of flesh pink; plants vigorous and healthy. Price, 20 cents each, postpaid.

KOSTELETSKYA VIRGINICA.

For description and cut see page 7. 1-year-old roots, 25 cents each, postpaid; 3 for 50c.

ANEMONES (The Beautiful Wind-flowers).

Beautiful fall blooming plants of vigorous growth with handsome foliage. Their lovely large cup-shaped flowers are produced on long stems and are of great value for cutting.

Japonica Alba. (Honorable Robert.) Large, pure white with yellow centre. Each 20 cts.; per doz., \$2.00, postpaid.

Rosea. Flowers pink, very fine. Each 20 cts.; per doz., \$2.00, postpaid.

HIBISCUS "CRIMSON EYE."

For description and cut see page 57. Strong 2-year plants, \$2.00 per dozen; 20 cents each, postpaid. 1-year plants, \$1.50 per dozen; 15 cents each, postpaid.

HYDRANGEA PANICULATA GRANDIFLORA.

One of the most valuable hardy shrubs in cultivation. The flowers are formed in large white trusses, nine inches in length, which change to a deep pink as the season advances. The bush grows about five feet high, and the branches, drooping with the weight of the flowers, give it an extremely graceful appearance. Large plants, each, 30 cents, postpaid.

.....CACTI.....

These plants grow for months in the house or garden without watering, and increase in value yearly. Their flowers are of exquisite beauty and fragrance, and their curious forms render them exceedingly interesting. Ten curious sorts, our choice, all distinct, for \$1.00; five for 50 cents.

RAINBOW CACTUS.

For beauty of spines, which are bright pink, red, and white, in alternate rings, and for brilliancy of flowers, this has no equal. Flowers from three to five inches in diameter, crimson-violet shading to white. Each, 30 cents.

THE QUEEN CACTUS.

Of rapid growth, sure to bloom, and easy to manage; flowers often ten inches across, pure white, and delightfully fragrant. Each, 25 cents.

New Early Flowering Branching Tuberose, "Albino."

(See cut.)

This new tuberose flowers in July and August, throwing from two to five flower stems from a single bulb, and these again are often branched. The flowers are entirely free from any brown tint, the tube and sepals being of the purest waxy white, making it very valuable for cutting. 15 cents each; 2 for 25 cents.

HELIANTHUS MULTIFLORA PLENUS.

A perfect gem that should be in every garden. The plants attain a height of about four feet, and in their blooming season, in August and September, they are nearly covered with bright golden-yellow double flowers, about the size of a dahlia. Desirable for cutting, flowers remaining bright and fresh for days. Bulbs, each, 15 cents; per dozen, \$1.50, postpaid.

DOUBLE TUBEROSE.

The Pearl. Beautiful, white, wax-like, very sweet-scented, double flowers, growing on tall stems, each stem bearing a dozen or more flowers. Remove all offshoots from the sides of the bulbs, start in the house in April, and transplant to open ground for summer blooming. Planted in pots in April, and taken into the house when frost comes, they will freely bloom in December. First-quality bulbs, each, 6 cents; per dozen, postpaid, 55 cents; per dozen, per express, 40 cts.

DAHLIA, "ETHEL VICK."

This is the one dahlia we catalogue, because, in our judgment, it is the *ne plus ultra*. The plant is large, vigorous, and a free bloomer. Flower a beautiful rose-pink with very symmetrical arrangement of leaves, which are exquisitely quilled. 25 cents each; 3 for 65 cents.

Cinnamon Vine.

A beautiful, rapid-growing, summer climber, with glossy foliage and spikes of delicious cinnamon-scented flowers. Good-sized roots, each 10 cents; 3 for 25 cents.

Madeira or Mignonette Vine.

A beautiful climber, of rapid growth, adapted to outdoor growth in the summer or the house in winter. It completely covers itself with long racemes of deliciously fragrant white flowers. Tubers should be kept in cellar over winter. Each, 5 cents; per dozen, 50 cents.

Wistaria.

Chinese Purple. A hardy, strong-growing twining vine, with handsome luxuriant foliage, producing in midsummer long, drooping clusters of beautiful lilac, fragrant flowers. Price, 30 cents, each, postpaid.



SINGLE TUBEROUS BEGONIA.

ROSES.

SELECT LIST OF CHOICE HARDY VARIETIES FOR THE OPEN GROUND.

Our customers will find these varieties to be not only choice, but hardy, bearing large and fragrant flowers the same season they are planted. The plants are two years old and extra large and strong, not the puny, weak affairs too often sent out. We are growing most of these varieties in our own garden. We have picked good buds from them well into November; and several of the bushes the second season have grown shoots from five to nine feet in height.

Earl of Dufferin. A fine dark crimson rose of splendid form, and has the advantage of blooming freely in the fall.

Marshal P. Wilder. Cherry rose mingled with carmine.

Vick's Caprice. Flowers large, slightly cup-shaped, but full and deep; petals thick and lasting, with ground color clear satiny pink, distinctly striped, and dashed with white and bright carmine. Buds very beautiful, showing stripes and markings to great advantage.

Mrs. John Laing. Flowers large, semi-globular in shape, of an exquisite shade of soft pink, and deliciously fragrant. A grand novelty; considered the finest hardy rose of its color ever offered.

Magna Charta. Bright pink, suffused with carmine.

Gen. Jacqueminot. Color, rich crimson; of fine shape and exquisite fragrance.

Paul Neyron. Bright, shining pink; flowers very double; probably the largest rose grown.

Coquette des Blanche. Pure snowy white, sometimes faintly tinged with pale rose; blooms in large clusters; flowers medium size.

Antoine Mouton. Flowers of extraordinary size and fullness; very fragrant, color bright, clear pink; reverse of petals silvery-rose.

John Hopper. Dark-rose color, crimson centre.

La France. Flowers large and beautiful, satiny shade of pink changing to blush, and of delicious fragrance.

Baltimore Belle. (Climbing.) Pale blush, very double, borne in clusters, the whole plant appearing a perfect mass of bloom.

Prairie Queen. (Climbing.) Clear, bright pink, sometimes with white stripe; very double and full.

Luxembourg. (Moss.) Bright crimson-scarlet, large, double, very sweet and mossy.

Price, per express, at purchaser's expense, 40 cents each, or \$4.00 per dozen; per mail, postpaid, 50 cents each, or \$4.75 per dozen.

Crimson Rambler. (New.) Of vigorous growth and exceedingly hardy. The flowers, of a rich brilliant crimson, are produced in large trusses of pyramidal form. Roots in 2½-inch pots, 75 cents each, by mail, postpaid.



FRENCH CANNAS.

CANNAS.

LARGE FLOWERING FRENCH.

These new improved Cannas are among the finest novelties that have been offered for years. Dwarf in habit, with very large, gorgeous flowers, making fine bedding plants, and if grown in pots they make fine showy plants for the porch in summer, and if removed to the house before frost, will continue flowering all winter.

Florence Vaughan. Brilliant golden-yellow dotted with bright scarlet; flowers very large and produced in constant succession all summer. Price, 25 cents each; postpaid, 2 for 45 cents.

Madame Crozy. Flower flaming scarlet, bordered with gold; a marvellous combination of colors, having all the delicacy and beauty of the rarest orchid. The plants produce all the wealth, richness and tropical luxuriance of foliage of the common kinds, added to which is the gorgeousness of their flaming panicles of bloom, which are borne in immense heads at the terminus of every shoot. Price, 15 cents each, postpaid; 3 for 40 cents.

Cannas. Standard varieties. Making fine foliage plants. Unnamed, either dwarf or tall. 12 cents each; \$1.20 per dozen, postpaid.

CHRYSANTHEMUMS.

The Leading Autumn Flower.

There are no flowers that make such a magnificent display in the autumn as these, with their almost endless variety of fanciful shapes, and colors ranging from the purest snowy white, delicate pink and rose, through all the shades of brilliant yellows and deep reds. Set out the plants in a sunny, sheltered location, in good, rich soil, with plenty of well-rotted cow manure. Water freely, and keep them well cut back until the first of August. If wanted for indoor blooming, they should be lifted about the middle of September, potted, watered thoroughly, and set in a shady place for a few days; afterwards expose them to the full light, with temperature not higher than fifty degrees. In cold climates, winter in cellar.

We have selected the following from the best and newest varieties, many being prize winners at recent exhibitions:—

	Price, postpaid, each.	Per doz.
Ivory. Pure white, incurved; early and free-flowering; still king of the whites.....	.15	1.50
Mr. H. Cannell. Intense bright yellow. Large flowers with broad petals gracefully and regularly incurved.....	.15	1.50
Vivand-Morel. Immense flowers, regular in form, reflexed; pink, slightly tinged with claret. An ideal flower.....	.15	1.50
Tuxedo. Amber, tinged and shaded with brown. Large, full flower. Fine.....	.15	1.50
George W. Childs. Flowers large and full, reflexed; deep velvety crimson. The finest of its color.....	.15	1.50
Mrs. Hicks Arnold. An early variety, with large full flowers of a beautiful bronze color. Fine.....	.15	1.50
Ed. Hatch. White, suffused with pink, exceedingly large and deep bloom. Incurved.....	.15	1.50
Ada Spaulding. Silvery-pink, large incurved flowers, double to the centre, broad petals. Unexcelled.....	.15	1.50
Niveus. A grand snow-white variety. Centre irregularly incurving, with outer petals reflexing nearly to the stem.....	.15	1.50
Eda Prass. Light salmon. One of the best.....	.15	1.50
E. G. Hill. Deep golden-yellow with bronze shadings.....	.15	1.50
J. C. Vaughan. Rich plum-crimson.....	.15	1.50

CHRYSANTHEMUM SEED.

DELEAUX NEW EARLY FLOWERING CHRYSANTHEMUMS.

A remarkable new class of perennial chrysanthemums selected from the celebrated Deleaux strain, blooming early in September from seed sown in March. Very dwarf, branching in habit and profuse bloomers. The flowers are entirely unlike all the early blooming varieties hitherto known, vying with the later sorts in form, size and in richness and variety of colors. Price, per package, 25 cents.

Prices, per mail, postpaid, or express at purchaser's expense. No discount.

SMALL FRUITS.

Will our friends, if possible, kindly send in their orders for these, except strawberries (which please see), by April 10? *W. H. G.*

STRAWBERRIES.

For hill culture, plant fifteen by fifteen inches; for matted growth, plant rows three feet apart, and plant one foot apart in the row. We can supply, in August, potted plants of those marked with a * at 50 cents per dozen, \$2.50 per 100; except MARSHALL, which will be 75 cents per dozen, \$3.00 per 100, per express or freight at purchaser's expense. Those marked with "P." are pistillate varieties, needing staminate sorts near them. Shipping season from October 1 to May 1, except when the ground is frozen. On all orders shipped before May 1 we guarantee safe delivery.

Few varieties do equally well in all localities or on all soil. These we have selected are not only in the first class because of their general excellence, but they come nearest to doing well in all localities and on all soil, according to the testimony of every Agricultural Experimental Station, and of the largest strawberry growers, which we can indorse in part from our own observation and experience.

Lady Thompson. (New.) Early, very large, a perfect bloomer and a good grower and shipper. Berries are of good color and fine flavor. A great cropper. Eight commission merchants in New York, Boston and Baltimore all speak highly of its good shipping qualities, its large size and showy appearance, and agree that as a seller no other strawberry handled by them equals it. Cannot fill orders for this after April 1. Per dozen, postpaid, 50 cents; 100 postpaid, \$2.00; 100 per express, \$1.80.

Mary Strawberry. (P.) Says Lovett: "The largest strawberry yet produced, the most prolific, the most beautiful, and the firmest large strawberry yet offered. The berries are uniformly of the conical form, with blunt apex, exceptionally uniform in size and shape, deep crimson color, and of extra rich high quality. Of the entire list of strawberries there is not a single sort that will keep longer when ripe or endure shipping better. Season is medium to late. A characteristic of the variety is that its fruit is rarely ill-shaped, never cockcombed,—an unusual feature in a large berry. The blossoms are pistillate." Price, per doz., per mail, postpaid, \$1.00; per 100, \$5.00; per 100, per exp., \$4.80.

Timbrell. (P.) The introducer claims that it is the best of all varieties and the most profitable to raise either for market or for home use. Men of such weight as E. S. Carman, editor of *Rural New-Yorker*, says: "Were I confined to one variety, it would be the Timbrell." Foliage very rank and vigorous; fruit round and generally symmetrical; size, extra large, very solid, and will bear shipment well; quality superb, "better than any strawberry in cultivation," says Mr. Carman. A magnificent late variety. Per dozen, per mail, postpaid, 75 cents; per 100, \$3.00; per 100 per express, \$2.80.

***The Marshall.** This is the big strawberry that received two first and three second prizes in 1892 and 1893, at the annual exhibition of the Massachusetts Horticultural Society. In the report of the Massachusetts Experimental Station it is ranked as the best of all the newest strawberries. A promising new and distinct variety, of fine flavor. Three thousand quarts were picked from one third of an acre in 1892. Berries enormous in size, fourteen filling a basket. Color very dark, extending through the berry. Plants extra vigorous, standing twenty-two inches in height. Per dozen, postpaid, 75 cents; per 100, per mail, \$3.50; per 100, per express, \$3.30.

Leader. (New.) Hardy, vigorous, medium early; berries large, firm fleshed; color dark; quality extra; a capital family berry. Per dozen, per mail, 60 cents; per 100, \$2.50.

Greenville. Remarkably vigorous and hardy; very productive, excelled only by Crescent. Berries extra large, good quality, medium firm, quite popular. Per dozen, per mail, 60 cents; per 100, \$2.50.

Van Dieman. A most promising sort, ranked among the very best of the newer kinds. It is spoken highly of by the various experimental stations that have tested it. A vigorous grower, with strong and healthy foliage, it has proved remarkably productive under favorable circumstances. Plant 3 by 4, as it makes vines enormously. Berries conical, uniform, and regular; color, a deep glossy scarlet; firm in texture and of good quality. Early. Price, per dozen, per mail, 40 cents; per 100, \$1.00; per 100, per express, 80 cents.

The Martha. (P.) Among the great number of varieties tested in 1892 at the experimental station of the Agricultural College at Amherst, Mass. (we think over one hundred kinds), they speak of the Martha as "one of the most noticeable varieties in the plots. Medium in size, wonderfully productive, of good color and quality." Per dozen, per mail, 50 cents; per 100, \$1.50; per 100, per express, \$1.30.

***Parker Earle.** Speaking from our own experience, we would rank this as *the one* strawberry for profit, for family use, or a near market. On our grounds, a rich old garden, with manure at the rate of eight cords to the acre, the yield on a plot of one hundred and fifty square feet was sixty-one quarts, which, after allowing one fourth of the land for paths, would leave over four hundred bushels to the acre. Plant very robust, berries large and very uniform in size, oblong in shape, of a glossy crimson color, of excellent quality but not very firm. It has yielded enormous crops, from Texas to Michigan. The one objection to it is that on some soils it does not ripen all the fruit it sets. Bisexual, and therefore self-fertilizing. Price, by mail, postpaid, per doz., 35c.; per 100, \$1.00; by ex., per 100, 80c.; per 1,000, \$5.00.

***Beverly.** This is a seedling of the well-known Miner's Prolific, and may be called an improved Miner. Plants vigorous, foliage healthy, blossoms staminate, berries large, mostly conical; dark glossy crimson in color; texture firm, and quality excellent. Mr. George F. Beede, the well-known strawberry grower of Fremont, N. H., writes: "Among sixty varieties I am testing, for healthy foliage, vigorous growth, and rapid increase of plant the Beverly was unsurpassed. I am confident it is a great acquisition to both our market and home list of strawberries." Evidently a first-class berry under high cultivation. Price, by mail, postpaid, per dozen, 35 cents; per 100, \$1.00; by express, 100, 80 cents; 1,000, \$5.00.

***Beder Wood.** Of this fine variety Mr. Mathew Crawford, of Ohio, says: "This is, in my opinion, the best early variety ever introduced, either for home use or market. The plant is faultless, and enormously productive. No rust yet. Fruit large, of fine form and color, moderately firm, and of good quality." Price, by mail, postpaid, per dozen, 35 cents; per 100, \$1.00; by express, per 100, 80 cents; 1,000, \$5.00.

***Early Michael.** (New.) The best first early variety, of beautiful color; a good shipper; valuable market variety. Vines stout and vigorous. Price, by mail, per dozen, 35 cents; per 100, \$1.00; by express, per 100, 80 cents; by express, per 1,000, \$4.50.

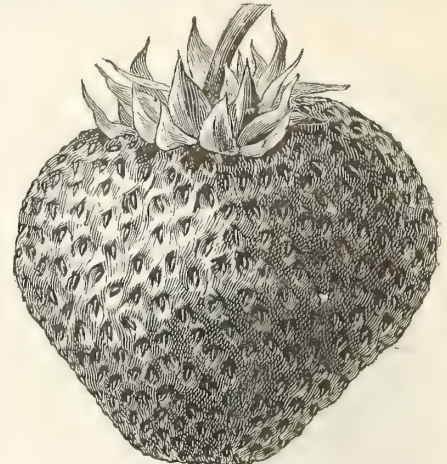
***Haverland.** (P.) (New.) Exceedingly productive, fruit large and fine, color bright crimson; plant vigorous. Medium early. First rate for market. ***Warfield.** (No. 2.) (P.) (New.) An early market sort, rivaling the Crescent in yield, and exceeding it in size, beauty, and firmness. Berry large, beautiful; color, dark red. **Gandy.** (New.) Says Lovett: "This is the ideal late berry. Berries of mammoth uniform size and shape, very showy and of superior quality." ***Bubach.** (No. 5.) (P.) (New.) Wonderful in vigor of plant and yield of fruit. A shipping berry, and simply A 1 for family use. Second early. Price, by mail, per dozen, 30 cents; per 100, \$1.00; by express, per 100, 80 cents; by express, per 1,000, \$4.00.

Crescent Seedling. ***Sharpless.** **Wilson's Albany.** Standard sorts. Price, per mail, per dozen, 30 cents; per 100, \$1.00; per express, per 100, 80 cents; per 1,000, \$4.00.

Alpine Monthly. The great merit of this variety is that *it continues to bear until frost comes.* The fruit, though very rich in flavor, is of small size, and it is not a heavy cropper, but a variety that instead of having a season of but from two to three weeks, as is the case with all other strawberries, will enable you to make a present to the sick as acceptable as it is surprising through a period of five months, deserves a small plot in every garden. Price, per dozen, postpaid, 40 cents.

DEWBERRIES.

Lucretia Dewberry. This is decidedly the best of all the dewberries, or low-running blackberries. It is a superb fruit, melting and of a delicious quality. The plant is entirely hardy everywhere, a healthy, strong grower, and exceedingly productive. Price, by mail, one, 12 cents; by mail, per dozen, 85 cents; by express, per dozen, 70 cents; by express, per 100, \$2.25.



TIMBRELL STRAWBERRY.



LUCRETIA DEWBERRY.

SMALL FRUITS—Continued.

GOOSEBERRIES.

Plant three by four feet, in deep, rich soil, in as cool a location as possible. Protect from currant worms by the use of hellebore, as directed for currants.

Red Jacket. (New.) Says Josslyn: "This berry is as large as the largest; very prolific and hardy; quality and foliage the best. For seven years no mildew has ever appeared on the Red Jacket." Color, red. Price, by mail, one, 30 cents; per mail, per dozen, \$3.00; by express, per dozen, \$2.80.

Triumph. (New.) Another new American seedling of the mammoth class; hardy and prolific. Until, within a year, gooseberry raising in the United States has been confined to the small varieties, but now three new American seedlings come before the public, all of the mammoth class, equal to the famous English sorts. These will be likely to begin a revolution in the raising of this fine fruit. Price, by mail, one, 25 cents; by mail, per dozen, \$2.20; by express, per dozen, \$2.

Industry. (New.) We find this of large size, of good flavor, and very productive. Red in color. Price, by mail, one, 30 cents.

Smith's Improved. A large, pale yellow variety, of excellent quality; exceedingly prolific, and of vigorous growth. Price, by mail, one, 20 cents; by mail, per dozen, \$1.70; by express, per dozen, \$1.50.

Downing's Seedling. Best of the hardy pale green varieties. Price, by mail, one, 15 cents; by mail, per dozen, \$1.00; by express, per dozen, 80 cents; by express, per 100, \$6.00.

Houghton's Seedling. Red in color, very productive. Not subject to mildew. Price, by mail, one, 15 cents; by mail, per dozen, \$1.00; by express, per dozen, 80 cents; by express, per 100, \$5.00.

BLACKBERRIES.

Plant vines six by six, and treat as with raspberries, with the exception that they should be cut back to four feet.

Eldorado Blackberry. Very hardy, remarkably productive, and superb in quality. Mr. H. E. Van Deman, National Pomologist, says: "Never have I tasted any blackberry equal to the Eldorado." Several of the experimental stations speak emphatically of its *hardiness, quality and productiveness*. The Ohio experimental station ranks it as hardy as the Snyder, but with a larger berry and of better quality. It is not only extra sweet, but is entirely free from the hard core common to most varieties. The berries when picked keep exceptionally well. Certainly a blackberry of great promise. Price, per mail, one, 40 cents; per dozen, \$3.00; per express, \$2.85.

Erie. (New.) Says Lovett: "There is no berry that rivals it in the four properties of hardness, size, earliness and productiveness. None will compare with it for market or the home garden. Price, by mail, one, 15 cents; per dozen, 95 cents; by express, per dozen, 80 cents; per 100, \$4.00.

Early Harvest. (New.) Extremely early; very productive; first-class in quality. Price, by mail, one, 12 cents; per dozen, 75 cents; by express, per dozen, 60 cents; by express, per 100, \$2.00.

Kittatiny. Very large; exceedingly productive. Price, by mail, one, 12 cents; per dozen, 75 cents; by express, per dozen, 60 cents; by express, per 100, \$2.00.

Eldorado Blackberry. Snyder. The hardest; enormously productive. Price, by mail, one, 12 cents; per dozen, 75 cents; by express, per dozen, 60 cents; by express, per 100, \$2.00.

Lovett's Best Blackberry. Mr. Lovett, the well-known nurseryman, thus discourses on his new blackberry: "Its strong points are, enormous yield, great hardness of cane, earliness in ripening, large and uniform size and shape, jet-black color (never turning red after gathered), fine appearance and excellent quality." It appears to be hardy, having been exposed to a temperature of several degrees below zero without injury even to the terminal bud. Price, by mail, one, 20 cents; per dozen, 95 cents; by express, per dozen, 80 cents; by express, per 100, \$4.00.

GRAPES.

One-year-old vines. Will send two-year-old vines for half as much more.

Soil should be dry and warm. Plant nine by six. Cut back, in fall, to two eyes. Cedar posts and wire for trellis.

Empire State. Very hardy, white; tender, juicy, sweet, and rich. Price by mail, one, 20 cents; by mail, per dozen, \$1.20; by express, per dozen, \$1.00.

Niagara. White, ripens with Concord; good bearer. Price, by mail, one, 15 cents; per dozen, by mail, 95 cents; by express, per dozen, 75 cents.

The Salem Grape. The No. 15 of Mr. Rogers's famous seedlings. This by many is ranked as the best of Mr. Rogers's grapes. The vine is a strong grower, very productive, producing large bunches of red grapes of large size, very sweet, and with the rich flavor of its foreign parent. Price, by mail, one, 15 cents; by mail, per dozen, 95 cents; by express, 75 cents.

Green Mountain (or Winchell Grape). An early white grape, ripening with Moore's Early. Clusters are of medium size and often shouldered; berries a little larger than those of the Delaware, greenish white when fully ripe, skin thin and quality fine, pulp being tender and sweet, quite free from foxiness. The vines are of vigorous growth and apparently quite hardy. The introducers say of it: "We do not believe there is an early grape superior to it in quality. It has not failed to produce or ripen a full crop in the three years we have tested it. The vine grows as strong as the Concord, and will flourish in any soil where the Concord grows. It is especially well adapted to be grown in Northern localities." This view of the originators we find heartily indorsed by the leading nurserymen and grape growers who have raised it. We asked one gentleman, who had the most extensive collection of the newer sorts of grapes at the annual exhibition of the Massachusetts Horticultural Society, which of all his numerous varieties he would recommend to the average man to plant, and he unhesitatingly pointed to the Green Mountain. Price, by mail, one, 35 cents; by mail, per dozen, \$3.50; by express, \$3.30.

Moore's Early, Concord, Delaware, Brighton standard sorts. Price, by mail, one, 12 cents; per dozen, per mail, 90 cents; per dozen, per express, 75 cents.

CURRANTS.

Plant on deep, strong, rich soil four by five feet apart. Cut back young shoots one third every year. To protect from currant worms, dust with hellebore at time of blossoming, when dew is on, and repeat when fruit is full grown.

Fay's Prolific. As large as Cherry and with larger bunches; rapidly superseding it. Price, by mail, one, 15 cents; per dozen, \$1.50; by express, per dozen, \$1.35; by express, per 100, \$8.00.

Cherry. Best, largest of the reds. **White Grape,** the best white. Price, by mail, one, 12 cents; per dozen, 85 cents; by express, per dozen, 70 cents; by express, per 100, \$5.00.

Victoria. A splendid variety; great bearer; bunches extremely long. Price by mail, one, 12 cents; per dozen, 85 cents; by express, per dozen, 70 cents; by express, per 100, \$5.00.

JAPANESE WINE BERRY.

Each berry grows in a burr, which opens as the fruit ripens, which, running through all the shades from amber to crimson, makes one of the most brilliant displays known in horticulture. They have a rich and sprightly flavor, with a brisk sub-acid, making them fine for preserving. Price, by mail, one, 12 cents; per dozen, 75 cents; by express, per dozen, 60 cents.



ELDORADO BLACKBERRY.



GREEN MOUNTAIN GRAPE.

SMALL FRUITS—Continued.

RASPBERRIES.

Plant Black Cap variety five feet apart each way, the other kinds four feet. Plant shallow, and cut back the canes. Leave but three or four suckers to grow.

Lovett. (Black Cap.) (New.) This new raspberry, in a test of several seasons, proves to be "*as early as Doolittle, as large as the Gregg, perfectly hardy, very firm, and a good keeper, very sweet, and of the finest flavor.*" Price, by mail, one, 15 cents; by mail, per dozen, \$1.00; by express, per dozen, 85 cents; by express, per 100, \$3.00.

Marlboro'. Red; strong grower, hardy and productive; early, and continues long in bearing. Price, by mail, one, 12 cents; by mail, per dozen, 65 cents; by express, per dozen, 50 cents; by express, per 100, \$1.50.

Gregg. (Black Cap.) The leading late black cap; very popular market sort. Price, by mail, one, 12 cents; by mail, per dozen, 65 cents; by express, per dozen, 50 cents; by express, per 100, \$1.50.

Cuthbert. Red; remarkably productive. Price, by mail, one, 12 cents; by mail, per dozen, 65 cents; by express, per dozen, 50 cents; by express, per 100, \$1.50.

Columbian Raspberry.

This new raspberry appears to be a cross between the red and black varieties. It roots from the tips. Color a dark red. It comes before the public very highly recommended for its great vigor of growth, productiveness, large size, and very superior canning qualities of the fruit. It appears to be a hardy variety. It resembles the Shaffer in great size of its fruit, which is more firm and sweet than that variety, but by some is considered inferior to it in quality. It excels all varieties in retaining its form, color and shape when canned. It took two prizes at the New York State Fair last season, one as the best canning berry, and the other as the best evaporated berry. The introducer states that 3,500 bushes yielded on an average 5 quarts each. Valuable for market where a dark berry will sell. Price, postpaid, 50 cents each; \$5.00 per dozen.

JAPANESE GOLDEN RASPBERRY.

A Raspberry Which Ripens Its Fruit Before Strawberries!

Mr. Luther Burbank, of Santa Rosa, Cal., obtained this wonderful raspberry by crossing the Cuthbert with an early wild variety from Japan, and sold his stock of six old and 48 young plants for \$800.00! We take the following description from his catalogue, not having raised the variety ourselves. Mr. Burbank is the person after whom we named the Burbank potato, now so well known all over the United States.

"The earliest raspberry ever known. The berries are of a golden straw color, as large as Cuthbert, and ripen a month before Hansell, before strawberries, and before the earliest of the standard raspberries. The bushes are distinct from all others, growing like trees, 6 to 8 feet high, with spreading tops; and all along the branches large, white, well-shaped blossoms are pendent, which are soon followed by the great, sweet, glossy, golden, semi-translucent berries."

Price, per mail, one, 50 cts; per doz., per mail, \$5.00; per doz., per exp., \$4.85.



COLUMBIAN RASPBERRY.

It is harder work to dodge work than to do it; yet the crown goes to the doer, not the dodger.

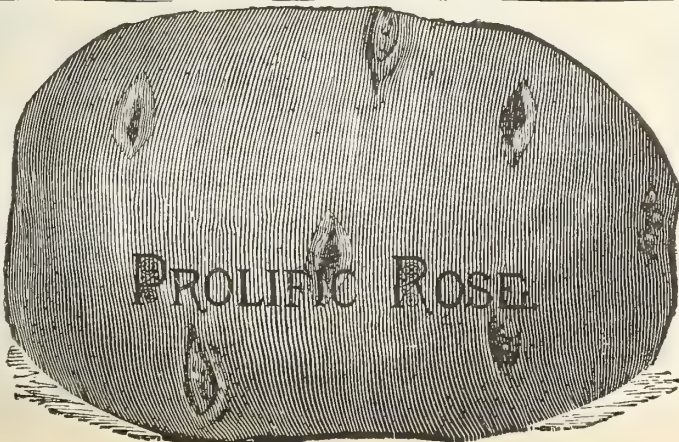


JAPANESE GOLDEN RASPBERRY.

Prolific Rose Potato.

Received too late to be put in front part of catalogue.

Here is a new seedling potato we want every one of our customers to plant. It is not a selection from the Early Rose, as the unfortunate name would indicate, but a new seedling which leaves the Rose nowhere as a cropper. The vines are stockier than its parent, and the tubers



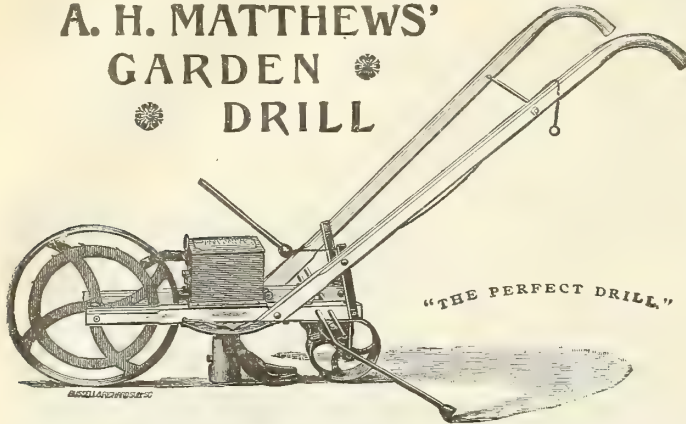
slightly redder on the seed end. It is undoubtedly the best cropper of all the Rose seedlings. *It has come to stay.* Those who plant it will not only be pleased with their fine crop, but with the large size and good shape of the potatoes. From our experience with it we think a barrel of seed will yield enough extra crop, compared with Early Rose, to pay the difference in price.

Price, per barrel, per express or railroad, \$6.00; per bushel, \$3.00; per peck, \$1.00; 3 lbs., per mail, \$1.00; 1 lb., per mail, 40 cents.

NO DISCOUNT.

* IMPLEMENTS. *

NO DISCOUNT.

A. H. MATTHEWS'
GARDEN
DRILL

"THE PERFECT DRILL."

A. H. MATTHEWS' SEED DRILL.

Mr. Matthews' Seed Drill for 1890 has had added a new steel dial gauge and shut-off attachment; this connects by a chain and ring along the handle, by which the dropping of the seed can be instantly stopped. This drill is the one we use in sowing onion, carrot, beet, turnip, and sage seed. It opens the furrows, drops the seeds evenly and at the required depth, covers them and lightly rolls the earth over the seed, which confines the moisture and promotes germination; it also, at the same time, traces the place for the next row. The Matthews is the only drill having the following good points: viz., 1. A horizontal indicator, with the names of the different seeds on its top side. 2. A perfected steel dial with pointers. 3. It is so constructed that the flow of seed can be shut off when it is being moved from place to place. 4. Its markers are made of wrought iron. 5. Its markers hold each other up and can be operated entirely by the foot. 6. There is a sliding weight on the markers. 7. The handles can be raised or lowered to suit a boy or man. Price, per express or freight at purchaser's expense, \$8.00.

A. H. MATTHEWS' LITTLE GEM SEED DRILL.

This new drill, which was designed by Mr. Matthews, the inventor of the larger drill, is especially intended for farmers and small gardeners, who have long felt the need of a *low-priced*, reliable seed drill. The "Little Gem" will make the drill, drop and cover all the seeds, such as turnip, carrot, sage, spinach, onion, parsnip, beet, etc., and mark the next row, as perfectly as the best twelve-dollar drills, and yet it costs only half the price. It is well made by *experienced* men. It weighs only twenty pounds, will last many years, and is warranted to give entire

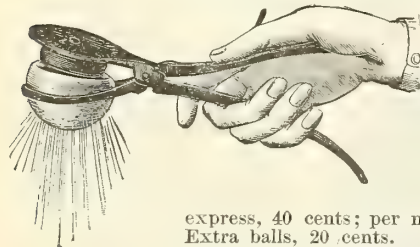
satisfaction. It has acquired great popularity, and the sales have increased with each year. Price, per express or freight at purchaser's expense, \$5.00.

CLOUGH'S ADJUSTABLE SIEVE.



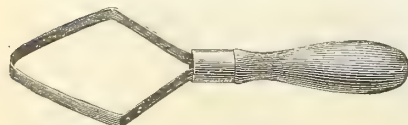
the cross-bars can be brought nearer together, thus altering the distance between these bars, and practically making it a different sieve with every alteration. Price, per freight or express at purchaser's expense, \$2.00.

GOLDMAN'S ATOMIZER.



express, 40 cents; per mail, postpaid, 50 cents. Extra balls, 20 cents.

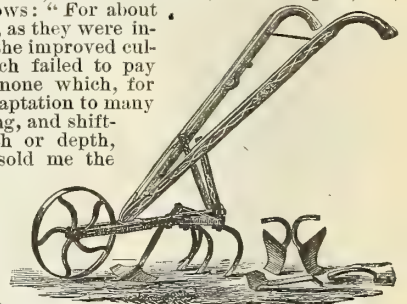
NOYES' HAND WEEDER.



This is an excellent little implement for hand weeding in bed sauce, such as onions, carrots, and the like; it is especially valuable where the ground is hard or baked. We have had them in use on our seed farms for several years, to our great satisfaction. Price, by express, 25 cts. each; mail, 30 cts.

GEM OF THE GARDEN.

This hand cultivator has given great satisfaction among market gardeners. Our old customer, Mr. W. Holmes, of Davenport, Ia., writes to a dealer as follows: "For about twenty years I have used, as they were introduced, five or more of the improved cultivators, not one of which failed to pay well; but I have found none which, for thoroughness of work, adaptation to many crops and ease of handling, and shifting to any desired width or depth, equals the 'Gem' you sold me the past spring. For onion or strawberry culture it leaves but little to be desired." A dozen other practical famers testify to the same purpose. Price, per express or freight at purchaser's expense, \$5.00.



CYCLONE EXTERMINATOR.

This machine effectually applies Paris Green or London Purple directly to the vines. It does entirely away with the necessity of using water, plaster, or any other bulky adulterant; simply from one to one and a half pounds of Paris Green to the acre blown on the vines by this fine distributor completes the whole business. In an hour an acre can be readily gone over and the vines are never injured in the least, whereas when water is used some of the arsenic is dissolved and burns the vines. We depended wholly on this and the Leggett machine to protect our ten acres of potatoes. No more back-breaking, lugging of water; simply point the spout towards the top of the vines, turn the crank, and go ahead with your most rapid walk. A great time and labor saver.

Messrs. Norton & Barry, of Smith's Ferry, Mass., write: "Your Cyclone worked finely on over twenty acres of potatoes."

Mr. S. Nickerson, of Yardville, N. J., writes: "One of my men took your exterminator in one hand and five pounds of Paris Green in the other after breakfast, and came back at noon with five acres thoroughly dusted, so that next day it was difficult to find a bug."

Price, per express or freight, at purchaser's expense, \$5.00.



SUPERIOR KNIVES.



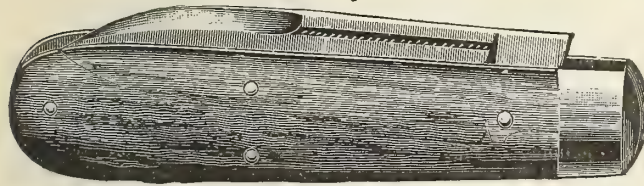
"The English Gardener."

A favorite handy knife with the gardeners of England. Blades of best quality. The cut on right represents the exact size. By mail, 50 cts.

General Purpose Knife. Blades of razor steel. I have carried one for years and like it hugely. Cut in centre represents exact size. Postpaid to any address on receipt of 50 cts.

Budding Knife. Cocoa handle, razor-steel blade. Cut on the left represents exact size. By mail, 35 cents.

Two-Bladed Boys' Knife.



This makes a nice present for our boys. This is of razor steel and therefore much superior to the common 25-cent knives in the market. Postpaid to any address on receipt of 35 cts.

Two-Bladed Ladies' Knife.



This is one of the prettiest and most popular of knives. It has an elegant pearl handle, and the blades are of the best quality of steel. By mail, 33 cts.

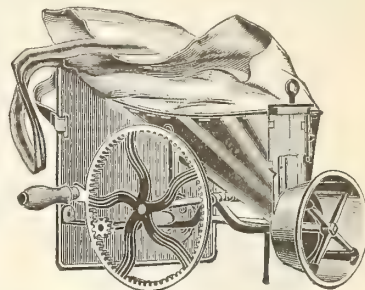
Fruit Knife.



Fruit knife spring steel blade; handle and blade heavily nickel plated; not affected by fruit acids. Also makes an elegant paper knife. Gold plated, 75 cts. This is an elegant gift, yet inexpensive. Our idea of a good gift is something you would be glad to have for yourself. This knife "fills the bill."

A NEW HAND SEED SOWER.

There are probably not two men in our big country who are thoroughly agreed as to the quantity of grass seeds, clovers, etc., which should be sown per acre; and should they agree as to the quantity, the probabilities are that neither one of them could sow it evenly, and so we come to their aid with Pearce's Improved Cahoon's Hand Seed Sower, which sows all kinds of grain and grass seeds most accurately and most rapidly. It is not liable to get out of order, and is warranted to give satisfaction. Price, per express or railroad, \$5.00.



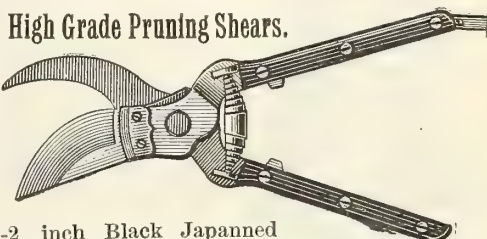
Combination Tool.



This tool, in addition to the appliances for cutting and setting glass, has also attached to it a steel for sharpening knives and scissors, also a corkscrew; will be mailed, postpaid, for 15 cents.

High Grade Pruning Shears.

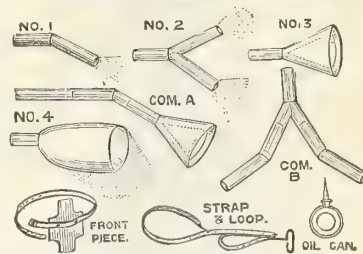
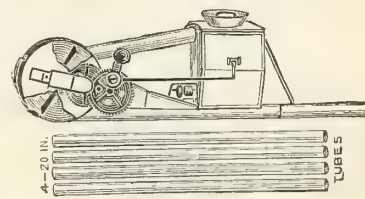
No. 1. 9 1-2 inch Ebony Handles. Brass Trimmings. Price, per mail, postpaid, \$2.00; per express, \$1.85.



No. 2. 9 1-2 inch Black Japanned Handles. Price, per mail, postpaid, \$1.50; per express, \$1.35.

Leggett's Paris Green or Dry Powder Gun.

We catalogue another implement for the application of Paris green and other insecticides, in a dry state. There is the same general argument for this as for the Cyclone Exterminator. It saves the handling of great weight in useless water, plaster, or any other bulky adulterant. We have used the Leggett Gun on our farm the past season and find that it works exceedingly well, being very light to carry, is not liable to get out of gear, and never clogs. The various nozzles which go with it make it adapted for various uses, while the twelve feet of tubes which go with each gun will enable one to send the Paris green into the tops of average fruit trees. The shape and length of the tubes enable one so to direct the insecticides that there is no danger from catching them in the breath. Price, including all appliances in above engraving, per express, \$7.00.



Deakin's New Syringe. (Letter H.)



H Length of Barrel 18 in.. Diameter 1 1/4 in.

All brass, 18 inches long, 1 1-2 inches in diameter. Strong, cheap, durable; fills quickly and discharges perfectly. Price, per express at purchaser's expense, \$2.00; letter K syringe, a size smaller, \$1.50.

SPRAYING OUTFITS.

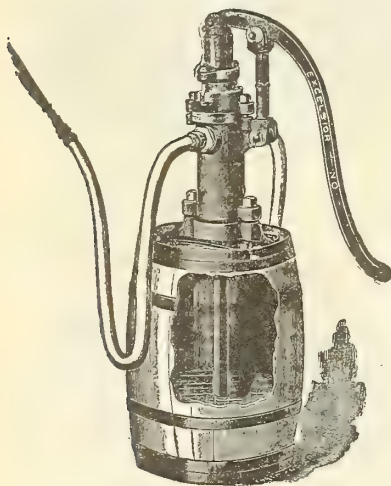
The extensive experiments made at the various agricultural colleges, supplemented as they have been by prominent fruit growers and vegetable raisers all over the United States, have demonstrated the efficient work done by the Bordeaux and other insect and fungus-killing preparations. THEY HAVE COME TO STAY. The fungicides and insecticides when intelligently applied (send to your agricultural colleges for reports giving full directions) prevent rot, mildew, and other diseases in vineyards; potato leaf blight and rot, leaf blight and rust in strawberries, raspberries, blackberries, and gooseberries; prevent or greatly check apple-scab, pear and plum leaf blight, peach and plum fruit rot, destroy the canker-worm, tent-caterpillar, and codling-moth, and exterminate the various forms of animal life injuring the leaves of cabbages, squashes, melons, cucumbers, currants, and gooseberries. The five implements we advertise below make an excellent spraying outfit.



STAHL'S EXCELSIOR SPRAYER, NO. 19.

For a good, cheap outfit this is unquestionably the best on the market, both as regards the material used in the construction as well as the price at which it is sold. The cylinder, and in fact all the working parts are brass, being thus constructed of material that will resist the action of fungicides. The nozzle furnished with this outfit can be regulated to throw any desired spray as wanted. This pump will throw a solid stream 50 feet, and is without doubt the best cheap spraying outfit on the market. It is also very convenient for spraying flowers, roses, etc. Price, per exp., \$4.50.

STAHL'S EXCELSIOR SPRAYER NO. 4.



It supplies the spraying nozzle and keeps the liquid stirred up in the barrel. One hundred trees per hour can be sprayed with this outfit. This pump is fitted with eight feet of hose and the Improved Orchard Nozzle. It is to be inserted in a barrel. Three feet of return hose is attached, with which is connected a discharge pipe, so that at every stroke of the pump a small part of the liquid is re-discharged into the barrel near the bottom of suction pipe, which **KEEPS THE POISON AND WATER WELL MIXED**, which is very essential, so as not to burn the foliage.

This outfit is also furnished with a fine strainer at bottom of suction pipe, which effectually prevents

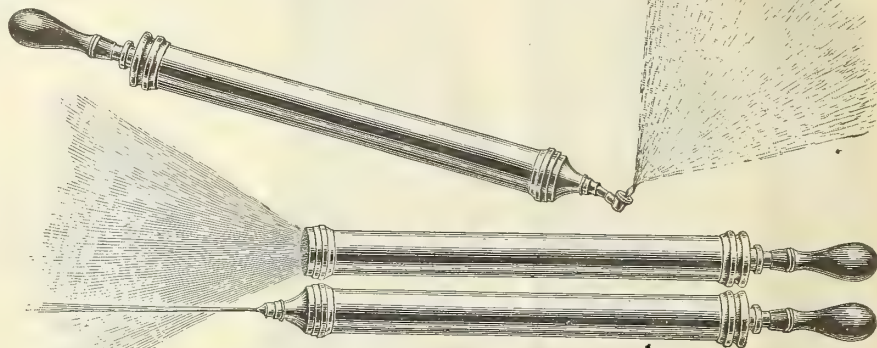
leaves or dirt from getting into pump or nozzles. We recommend the above outfit as especially adapted for orchard use.

Price of outfit complete (without barrel), per express or freight, with brass cylinder, pump, and rod, \$10.00.

STAHL'S EXCELSIOR SPRAYER NO. 7.

It is adapted for throwing liquid solutions of all kinds to destroy noxious insect and fungous growth of every nature on plant, tree, or vine. For washing windows and carriages, and showering gardens, it has no superior. In fact, in a diminished degree, it is capable of every use of an ordinary force-pump. It is always ready for use, and not liable to get out of order. It will throw water at the rate of eight to ten gallons per minute to a height of forty feet or more. With each pump is sent suction and discharge hose, connected, so that it requires no labor to put in immediate operation. Longer lengths of hose can be furnished if desired, for any outfit, at 15 cts. per foot.

Price, with three feet of suction and three feet of discharge hose, brass discharge-pipe and rose sprinkler, \$7.00, per express.



THE HYDROSPRAYER.

This style of syringe is the invention of the celebrated Dr. Fisher. It does much better work with the clear liquids than the various styles of force-pumps attached to barrels, and the same number of men can do an equal amount of work. The peculiar way in which the holes are made gives a six-foot spread to the spray, which will reach every portion of a tree within twenty-five feet of the operator. The brass syringe to which the nozzle is attached has a stroke of fourteen inches. It will be found very efficient in the application of all of the clear insecticides or fungicides to the orchard, graperies, garden, and greenhouse. Price, including cyclone nozzle, \$6.00; without cyclone nozzle, \$5.00; per express at purchaser's expense.


STAHL'S EXCELSIOR KNAPSACK SPRAYER.

To be carried on the back of a man, knapsack fashion. From five to six acres a day can be sprayed with it.

This machine consists of a copper reservoir holding about five gallons. The pump, being made entirely of brass and copper, can neither rust nor corrode. There is a large air chamber inside of the reservoir which will keep up the pressure, and continues to discharge the spray for nearly one minute after the operator stops pumping. A brass pipe fifteen inches in length, with a stopcock, is furnished with each machine, including the celebrated VERMORAL NOZZLE. This nozzle brings the liquid out in shape of a fine, mist-like spray. Price, per express or freight, \$12.00.

Our good neighbor Charles Robinson writes: "I bought a No. 4 Sprayer of you last May, and am well satisfied with it. It does its work completely, expeditiously and inexpensively."



 If per express, please name company and office in spaces below;
if per Railroad, name station.

ORDER SHEET FOR

James J. H. Gregory & Son's Vegetable and Flower Seed,

MARBLEHEAD, MASS.

Our customers in writing will please be careful and fill out their address in full, and keep their orders distinct from other matter. If the seeds are sent by express instead of by mail (express is, as a rule, safer), the agent of the company will notify you as soon as they arrive. If you prefer them sent per mail, please state so in your order. In the case of large orders, if not specially instructed, we will use our own judgment in the interest of our customers, whether to send them by express or freight.

Name,	P. O. Order, \$
Post Office,	Draft, - -
County of Post Office,	Cash, - -
State,	Total, \$
Express Company,	Date,
Express Office,	
County of Express Office,	
Railroad Station,	

REMARKS.

[illegible]

[illegible]

OUR NOBLE CALLING.



THE only employment that came directly from the Lord's hand is that of farmer. Whoever, therefore, selects farming as his calling has the wisdom of the Almighty as his indorser. We know of no nobler ambition than a desire to attain the highest excellence along this great highway where the Great Master has gone before. He planted, and Adam tended. After Adam's day, he passed the divine employment into human hands, and blessed it as the great source for health, happiness and prosperity. Yet this world abounds in men



EARLY JERSEY WAKEFIELD CABBAGE.

with brains full of the wisdom of the schools, who, wise in their own conceit, count a touch of the soil to be defilement, and look with contempt on the divine employment.

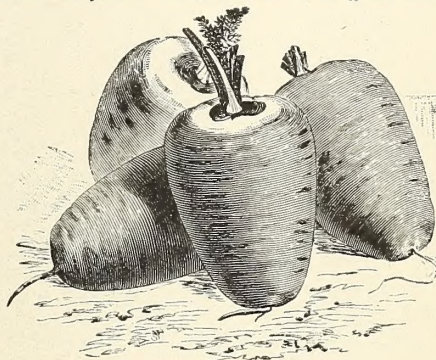
But go into the great libraries and see the end of it all. There on the high shelves, dusty, unused, lies the wisdom of these men of books; the greatness on which one generation of them prided themselves has become the laughing stock of the generations that followed after. Verily he who has caused two blades of grass to grow where one grew before, has done more for the world than a long procession of these big toned men. True, there is such a thing as progress, but such men do not draw her chariot. The world is carried onward and upward by workers of the large, broad build, who, recognizing the divine calling, neither despise nor patronize the farmer; far from it, all their instincts are with him; they are filled with a full, strong desire to be with him and of him, and the highest happiness of their lives comes from contact with the soil. So the great Webster declared that his heart was more with his farm than with the Senate, and on his bed of death he asked to have the great oxen driven past his window that he might look on them with his longing, dying eyes. Our agricultural brother, we have no man's pardon to beg for being farmers; it is the foundation employment of the country, and when that suffers you can feel the superstructure tremble. Amid the vast business convulsions of our day, do we hear of good farmers leaving their employment and going out to get a living along other lines of labor? Not so, not so; but the painters, the carpenters, the blacksmiths, the shoemakers, the factory workers, and men from almost the whole circle of mechanical and manufacturing callings have depended on the farmer for work to enable them to keep the wolf, hunger, from their doors. When times pinched and no money came in, they had nothing to fall back on; not so the farmer; when no money came in, he could fall back on his poultry and their eggs; could get

For Catalogue, write

milk and butter from his cow; could draw from a cellar filled with fruit and vegetables; could find home-raised grain in his bin; could depend on his wood lot for fuel; had his house rent free; and thus without a cent of outlay could live as well as did the kings of England three centuries ago, while his surplus of any of these would obtain by barter about everything a reasonable being could desire, and all this with the good health born of the bright sunshine and pure air of his calling. Thus through those investments which must be made from the very nature of farming does the Almighty insure against suffering all who follow the divine employment.

Why should we envy the comforts of the few who draw prizes in the lotteries of life? The millions of a Vanderbilt will not always give him that delicious freshness in vegetables and fruits that you and we can always have all the season long. We never go out of a summer morning into the beauty, the fresh purity and largeness of all outdoors, but that we say to ourselves, What would the millionaires, who dwell in the brick and mortar prisons they call cities, give for such an uplifting of the whole being?

Does any one tell you there is no money in farming? We have shown how the farmer will not suffer when no money is coming in, which is *not true of any other calling*; but take a two-generation view, for every good father has the welfare of his children supremely in mind. It is true the man of the city can much oftener than you dower his children with money, but it is usually to their injury. Your dower to yours takes the form of good health, good



GUERANDE CARROT.

morals, and habits of industry and economy, which when taken to the city are readily coined into money and higher things that are far better than money; for where do the leading men of our cities come from? Why, right from our farms. My farmer friends, let us never forget this divine origin of our calling, and let us strive to so carry it on in all honesty and all faithfulness that we shall maintain our own self-respect, and compel the respect of others.

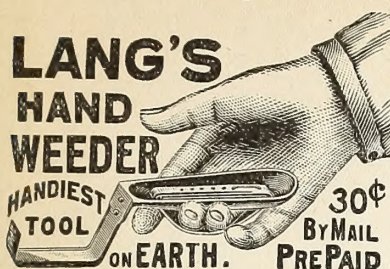
As we sat down yesterday afternoon to call attention to our seed catalogue for 1895, a letter was received from a customer, who wished us to "write a terse article on the dignity and usefulness of farming." We have done so with all our heart, and now we want to send you free our seed catalogue.

Shall we take you by the hand and farm with you the coming season, as a sort of silent partner, we to supply the good seed, and you to do the good farming?

J. J. H. GREGORY & SON,

MARBLEHEAD, MASS.

Lang's Hand Weeder.



weeds and thinning out plants without laying down the tool. It is neatly and strongly made. Price, per express, 25 cts.; by mail, postpaid, 30 cts.



Excelsior Weeder.

A handy and efficient tool in the flower and vegetable garden. *To be used when weeds are small.* By express, 25 cts.; mail, 30 cts.

Glass Cutting and Glazing Tool.

Some of our workmen who use this implement find it cuts glass about as readily as a glazier's diamond, and for all the purposes of cutting and setting glass is just about as valuable, though it costs not one twentieth as much. One we have had in use several years is now as good as ever. Sent, postpaid, for 12 cents.



Haseltine's Hand Weeder.

(One sixth full size.)

This is not only a good weeder and scraper, but with its point becomes a good implement for the thinning out, where plants are too thick, and for lightening the soil. The blade is solid steel, oil-tempered, $\frac{1}{4}$ inch wide, $\frac{1}{8}$ inch thick, and is sharp on all its edges. Capital for weeding, thinning and stirring soil among onions, carrots, strawberries, etc. Price, per express, 25 cts.; mail, postpaid, 30 cts.

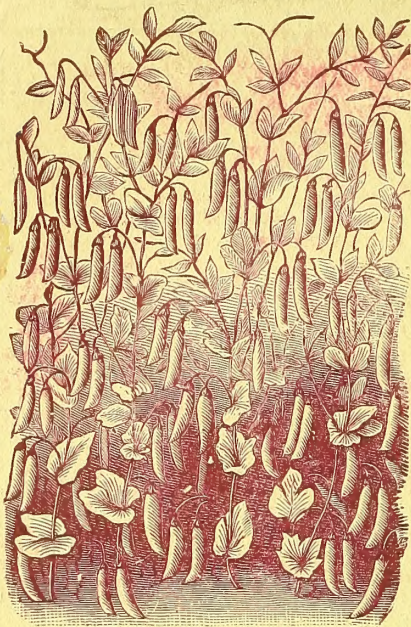


The above engraving is of a photograph of a crop of grass raised in a corner of our seed farm, temporarily in grass. The crop, though the season was a dry one, was three tons at first cutting to the acre, and was secured by an application of 500 pounds of Bradley's Complete Manure for Top-Dressing Grass and Grain.

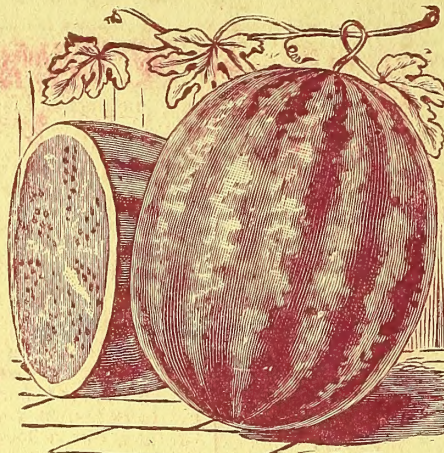
BRADLEY'S COMPLETE MANURES.

For Potatoes and Vegetables.		For Corn and Grain.		For Top-Dressing Grass and Grain.	
Ammonia	4.50 to 5.50 %.	Ammonia	4.00 to 5.00 %.	Ammonia	6.00 to 7.00 %.
Available Phosphoric Acid	8.00 to 10.00 "	Available Phosphoric Acid	12.00 to 14.00 "	Available Phosphoric Acid	5.00 to 6.00 "
Total " "	9.00 to 12.00 "	Total " "	13.00 to 15.00 "	Total " "	6.00 to 8.00 "
Actual Potash (K ₂ O)	6.00 to 7.00 "	Actual Potash (K ₂ O)	3.00 to 4.00 "	Actual Potash (K ₂ O)	2.50 to 3.50 "
Equal to Sulphate of Potash	11.00 to 13.00 "	Equal to Sulphate of Potash	5.55 to 7.40 "	Equal to Sulphate of Potash	4.62 to 6.46 "

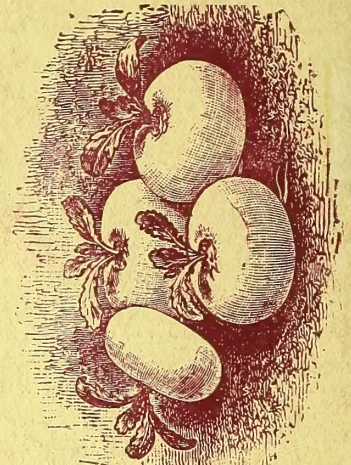
Price of Bradley's Complete Manures, delivered free on cars in Boston. Per ton, \$40.00; per 100 lbs., in bags, \$2.25.



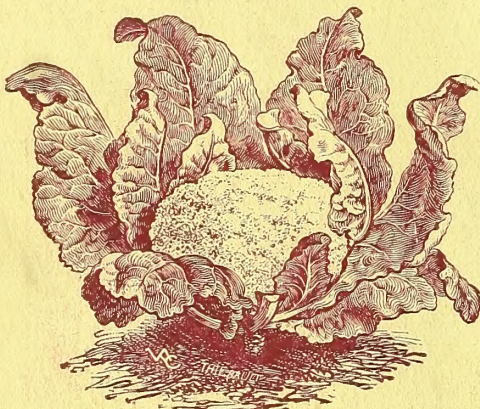
STATION PEA. Pkg., 15c.



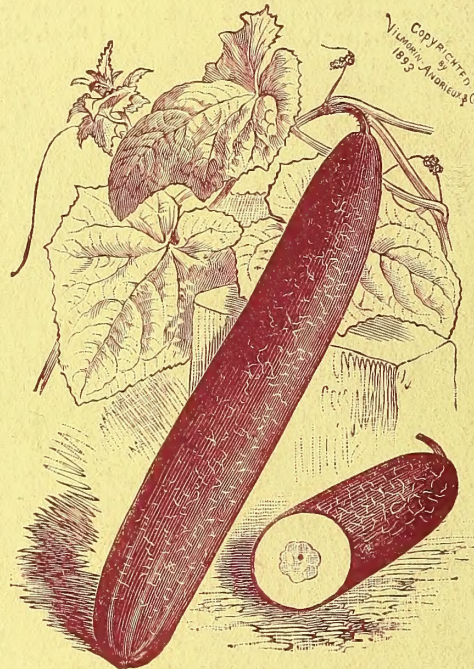
COLE'S EARLY WATERMELON. Pkg., 10c.



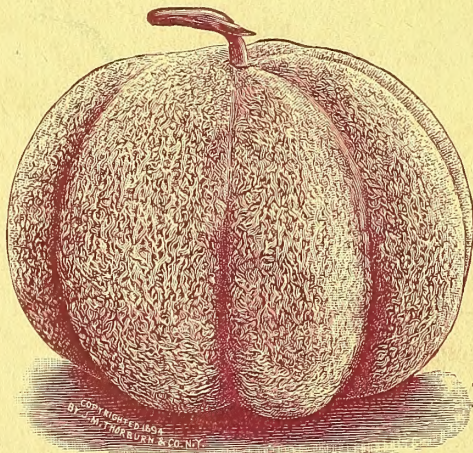
TURNIP, WHITE MILAN. Pkg., 10c.



EARLY PADILLA CAULIFLOWER. Pkg., 25c.



LONG SIKKIM CUCUMBER. Pkg., 15c.



MUSKMELON, LONG ISLAND BEAUTY. Pkg., 15c.



BOND'S EARLY MINNESOTA TOMATO. Pkg., 10c



KEENEY'S RUSTLESS GOLDEN WAX BEAN. Pkg., 15c.

SHELLING CONDITION.

Our customers will find the new vegetables illustrated on this page to be among the most valuable of those catalogued this season. At retail rates the cost of the collection would be \$1.15; we will send the entire collection by mail to any address for 55 cents. For descriptions see pages 2, 3 and 5.